OVERVIEW
Each year Career Services surveys the Penn Engineering students to gather information about their summer work experience. Students scheduled to graduate in August 2017, December 2017 and May 2018 are included in this analysis. Career Services contacted each student by email listserv in August 2017 requesting that they complete the on-line survey. In October 2017, the Academic Programs Office of the School of Engineering and Applied Science sent the survey again to all applicable students. In December 2017 and January 2018, personalized emails were sent by Career Services to each student who had not yet responded. In addition, summer experiences were included from review of information reported in our online job application system, Handshake, and from review of LinkedIn profiles. Information was collected for 363 students of the 492 eligible in the Class of 2018. This combination of data resulted in a 74% response and knowledge rate.

Technology was the top industry sector in which students accepted internships followed by manufacturing and higher education research labs/centers. Within the manufacturing sector, the largest percentages of internships were in the biomedical products, consumer products and automotive industries. Of the 201 students reporting the date they accepted their internship offer, 97% accepted by the end of May 2017. Since 2011, 95 – 96% of the students had their internships by the end of May.

SUMMER 2017 PRIMARY ACTIVITY
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
SUMMER CAREER PLANS SURVEY – CLASS OF 2018

Total # of Student Responses: 363
Total # of Students in Class: 492
% of Respondents: 73.7%

Total # of Students Employed Full or Part-Time = 346

<table>
<thead>
<tr>
<th></th>
<th>Full Time Employed</th>
<th>Part-Time Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Respondents</td>
<td>342 (Paid and Unpaid)</td>
<td>4 (Paid and Unpaid)</td>
</tr>
<tr>
<td># Reporting Salary*</td>
<td>158</td>
<td>3</td>
</tr>
<tr>
<td>Average Month Salary</td>
<td>$4,960</td>
<td>$1,333</td>
</tr>
<tr>
<td>Range: $900 – 20,000</td>
<td></td>
<td>Range: $800 – 2,200</td>
</tr>
</tbody>
</table>

*Non-stipend

<table>
<thead>
<tr>
<th>School(s)</th>
<th># of Full-Time Respondents Reporting Salary</th>
<th>Average Monthly Salary Full-Time</th>
<th>Salary Range Full-time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>122</td>
<td>$4,526</td>
<td>$900 – 10,000</td>
</tr>
<tr>
<td>Engineering/MSE Engineering</td>
<td>53</td>
<td>$4,810</td>
<td>$1,500 – 9,000</td>
</tr>
<tr>
<td>Engineering/College</td>
<td>7</td>
<td>$5,136</td>
<td>$1,320 – 10,400</td>
</tr>
<tr>
<td>Engineering/Wharton</td>
<td>24</td>
<td>$7,465</td>
<td>$3,000 – 20,000</td>
</tr>
</tbody>
</table>
HOW RESPONDENTS RECEIVED THEIR INTERNSHIPS

199 students reported how they received their positions

SALARY BY MAJOR
Full-Time Employed with Salary Reported

<table>
<thead>
<tr>
<th>Major**</th>
<th># of Salaries Reported</th>
<th>Average Salary</th>
<th>Median Salary</th>
<th>Salary Range</th>
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<tbody>
<tr>
<td>Biomedical Science</td>
<td>6</td>
<td>$6,883</td>
<td>$5,150</td>
<td>$3,200 - $16,000</td>
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<tr>
<td>Cognitive Science</td>
<td>0</td>
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<td>*</td>
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<tr>
<td>Computer Science</td>
<td>18</td>
<td>$7,210</td>
<td>$6,500</td>
<td>$2,100 - $11,000</td>
</tr>
<tr>
<td><strong>Individualized</strong></td>
<td>0</td>
<td>*</td>
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<tr>
<td>Bioengineering</td>
<td>34</td>
<td>$3,228</td>
<td>$2,400</td>
<td>$1,200 - $8,000</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Eng.</td>
<td>19</td>
<td>$4,005</td>
<td>$3,680</td>
<td>$1,250 - $8,000</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>10</td>
<td>$5,896</td>
<td>$6,880</td>
<td>$1,800 - $8,000</td>
</tr>
<tr>
<td>Computer Science</td>
<td>72</td>
<td>$6,232</td>
<td>$6,152</td>
<td>$1,560 - $11,000</td>
</tr>
<tr>
<td>Digital Media Design</td>
<td>10</td>
<td>$5,553</td>
<td>$5,553</td>
<td>$2,100 - $8,000</td>
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<tr>
<td>Electrical Engineering</td>
<td>8</td>
<td>$5,049</td>
<td>$5,060</td>
<td>$2,000 - $8,000</td>
</tr>
<tr>
<td>Materials Science &amp; Eng</td>
<td>9</td>
<td>$3,427</td>
<td>$2,720</td>
<td>$1,350 - $7,083</td>
</tr>
<tr>
<td>Mechanical Engineering &amp; Applied Science</td>
<td>46</td>
<td>$3,900</td>
<td>$3,550</td>
<td>$630 - $20,000</td>
</tr>
<tr>
<td>Networked &amp; Social Systems Engineering</td>
<td>6</td>
<td>$5,536</td>
<td>$5,900</td>
<td>$800 - $10,400</td>
</tr>
<tr>
<td>Systems Science &amp; Eng.</td>
<td>22</td>
<td>$5,560</td>
<td>$5,580</td>
<td>$1,000 - $11,000</td>
</tr>
</tbody>
</table>

*Single salaries / salary ranges of two not reported.

**Salaries for dual engineering majors, as well as dual-degrees, are included in the average salary for each major.
EMPLOYED RESPONDENTS BY JOB TYPE
Includes both Full-time and Part-time Internships/Surveys With and Without Salaries (With Engineering Breakdown)

- Information Technology: 36%
- Engineering: 27%
- Software Developer/Engineer: 80%
- Quality Assurance: 2%
- Research & Development: 40%
- Manufacturing/Production: 12%
- Design: 27%
- Construction: 2%
- Project Management: 9%
- Systems: 4%
- Testing: 4%
- Engineering: 27%
- Scientific Research: 1%
- Architecture: 1%
- Communications: 1%
- Data Science: 4%
- Education: 2%
- Energy/Environment: 1%
- Hospitality: 1%
- Healthcare: 1%
- Information Technology: 36%
- Management/Administration: 2%
- Marketing: 2%
- Non-Profit: 1%
- Technical Support Specialist: 1%
- Web Designer/Developer: 3%
- Systems Engineer/Analyst: 1%
- Technology Analyst: 8%
- Program Manager: 7%
## SALARY BY JOB TYPE – Full-Time Employed

*Single salaries / salary ranges of two respondents not reported.*

<table>
<thead>
<tr>
<th>Category</th>
<th># of Responses</th>
<th>Average Monthly Salary</th>
<th>Median Monthly Salary</th>
<th>Minimum Monthly Salary</th>
<th>Max Monthly Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Architecture</strong></td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Consulting</strong></td>
<td>11</td>
<td>$5,635</td>
<td>$6,080</td>
<td>$2,700</td>
<td>$6,720</td>
</tr>
<tr>
<td>Management/Strategy</td>
<td>7</td>
<td>$5,564</td>
<td>$6,400</td>
<td>$2,700</td>
<td>$6,720</td>
</tr>
<tr>
<td>Technical/Info. Systems</td>
<td>4</td>
<td>$5,760</td>
<td>$5,920</td>
<td>$4,960</td>
<td>$6,240</td>
</tr>
<tr>
<td><strong>Data Science</strong></td>
<td>7</td>
<td>$4,914</td>
<td>$6,000</td>
<td>$1,600</td>
<td>$6,500</td>
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<tr>
<td>Data Analyst</td>
<td>6</td>
<td>$4,700</td>
<td>$5,200</td>
<td>$1,600</td>
<td>$6,500</td>
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<tr>
<td>Statistician</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Education</strong></td>
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<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
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<td>$3,916</td>
<td>$3,730</td>
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<tr>
<td>Construction</td>
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<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Design</td>
<td>9</td>
<td>$4,076</td>
<td>$3,700</td>
<td>$2,240</td>
<td>$7,200</td>
</tr>
<tr>
<td>Manufacturing/Production</td>
<td>6</td>
<td>$3,973</td>
<td>$3,880</td>
<td>$3,520</td>
<td>$5,020</td>
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<td>Project Management</td>
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<td>$3,759</td>
<td>$4,059</td>
<td>$1,920</td>
<td>$5,000</td>
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<tr>
<td>Quality Assurance</td>
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<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Research &amp; Development</td>
<td>13</td>
<td>$3,759</td>
<td>$3,500</td>
<td>$1,667</td>
<td>$7,500</td>
</tr>
<tr>
<td>Systems</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Testing</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td>17</td>
<td>$6,378</td>
<td>$6,500</td>
<td>$3,000</td>
<td>$20,000</td>
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<tr>
<td>Commercial Banking/Lending</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Financial Planning &amp; Analysis</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>(non-banking)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Banking Analyst</td>
<td>3</td>
<td>$11,700</td>
<td>$8,000</td>
<td>$7,100</td>
<td>$20,000</td>
</tr>
<tr>
<td>Investment Management/Counsel</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Private Equity Analyst</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Securities Research Analyst</td>
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<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Sales</td>
<td>1</td>
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<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Trading</td>
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<td>$6,817</td>
<td>$7,083</td>
<td>$5,000</td>
<td>$8,000</td>
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<tr>
<td>Venture Capital Analyst</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Healthcare</strong></td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Information Technology</strong></td>
<td>57</td>
<td>$6,300</td>
<td>$7,000</td>
<td>$1,600</td>
<td>$11,500</td>
</tr>
<tr>
<td>Program Manager</td>
<td>5</td>
<td>$5,528</td>
<td>$7,000</td>
<td>$2,560</td>
<td>$7,200</td>
</tr>
<tr>
<td>Software Developer/Engineer</td>
<td>44</td>
<td>$6,531</td>
<td>$7,200</td>
<td>$1,600</td>
<td>$11,500</td>
</tr>
<tr>
<td>Systems Engineer/Analyst</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical Support Specialist</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology Analyst</td>
<td>5</td>
<td>$6,064</td>
<td>$6,000</td>
<td>$5,120</td>
<td>$7,500</td>
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<tr>
<td>Web Designer/Developer</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Management/Administration</strong></td>
<td>3</td>
<td>$2,967</td>
<td>$3,000</td>
<td>$1,500</td>
<td>$4,400</td>
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<tr>
<td><strong>Marketing</strong></td>
<td>3</td>
<td>$3,600</td>
<td>$3,600</td>
<td>$3,200</td>
<td>$4,000</td>
</tr>
<tr>
<td><strong>Not for Profit/Social Services</strong></td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Scientific Research</strong></td>
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<td>$1,976</td>
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<td>$3,200</td>
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<tr>
<td>Biology/Biochemistry</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Biomedical (Other)</td>
<td>8</td>
<td>$2,061</td>
<td>$1,600</td>
<td>$1,200</td>
<td>$3,200</td>
</tr>
</tbody>
</table>
EMPLOYED RESPONDENTS BY INDUSTRY
Includes both Full-time and Part-time Internships/Surveys With and Without Salaries

- Technology, 29%
- Finance, 19%
- Manufacturing, 15%
- Education, 12%
- Environment/Energy, 4%
- Aerospace, 13%
- Other 6%
- Automotive, 10%
- Biomedical Products/Pharma, 23%
- Consumer Products, 19%
- Chemicals/Gases, 16%
- Electronics/Robotics, 3%
- Computer Products - Hardware, 10%

Accounting, 1%
Communications, 2%
Consulting, 6%
Design, 1%
Retail/Wholesale, 1%
Real Estate/Construction, 1%
NonProfit, 2%
Hospitality/Leisure/Sports, 1%
Government, 3%
Insurance, 1%
Healthcare, 2%
## SALARY BY INDUSTRY – Full-Time Employed

<table>
<thead>
<tr>
<th>Industry</th>
<th># of Responses</th>
<th>Average Monthly Salary</th>
<th>Median Monthly Salary</th>
<th>Minimum Monthly Salary</th>
<th>Max Monthly Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Communications</td>
<td>4</td>
<td>$4,400</td>
<td>$4,720</td>
<td>$2,560</td>
<td>$5,600</td>
</tr>
<tr>
<td>Consulting</td>
<td>11</td>
<td>$5,626</td>
<td>$6,200</td>
<td>$2,700</td>
<td>$6,670</td>
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<tr>
<td>Design</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Education</td>
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<td>$1,600</td>
<td>$1,200</td>
<td>$3,200</td>
</tr>
<tr>
<td>Elementary/Secondary Education</td>
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<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Higher Education</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Research Labs/Centers – Higher Education</td>
<td>11</td>
<td>$1,601</td>
<td>$1,440</td>
<td>$1,200</td>
<td>$2,400</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities</td>
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<td>$3,368</td>
<td>$3,440</td>
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</tr>
<tr>
<td>Financial Services</td>
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<td>$6,619</td>
<td>$6,450</td>
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<td>$20,000</td>
</tr>
<tr>
<td>Diversified Financial Services (including commercial/retail banking)</td>
<td>5</td>
<td>$5,320</td>
<td>$6,200</td>
<td>$3,000</td>
<td>$7,500</td>
</tr>
<tr>
<td>Hedge Fund</td>
<td>7</td>
<td>$8,771</td>
<td>$9,000</td>
<td>$6,500</td>
<td>$10,400</td>
</tr>
<tr>
<td>Investment Banking/Brokerage</td>
<td>15</td>
<td>$6,793</td>
<td>$6,000</td>
<td>$3,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>Investment Management/Counsel</td>
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<td>$6,240</td>
<td>$6,400</td>
<td>$4,320</td>
<td>$8,000</td>
</tr>
<tr>
<td>Private Equity</td>
<td>2</td>
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<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Venture Capital</td>
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<tr>
<td>Government</td>
<td>3</td>
<td>$3,015</td>
<td>$3,023</td>
<td>$3,000</td>
<td>$3,023</td>
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<tr>
<td>Healthcare</td>
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<td>$2,420</td>
<td>$1,920</td>
<td>$1,500</td>
<td>$3,840</td>
</tr>
<tr>
<td>Hospitality/Leisure/Sports</td>
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<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Insurance</td>
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<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing</td>
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<td>$4,040</td>
<td>$3,690</td>
<td>$1,667</td>
<td>$7,500</td>
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<td>Aerospace</td>
<td>4</td>
<td>$4,353</td>
<td>$4,250</td>
<td>$3,764</td>
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<tr>
<td>Automotive</td>
<td>3</td>
<td>$4,586</td>
<td>$4,560</td>
<td>$3,200</td>
<td>$6,000</td>
</tr>
<tr>
<td>Biomedical Products/Pharma</td>
<td>7</td>
<td>$3,348</td>
<td>$3,200</td>
<td>$3,040</td>
<td>$3,760</td>
</tr>
<tr>
<td>Chemicals/Gases</td>
<td>5</td>
<td>$3,688</td>
<td>$3,520</td>
<td>$3,100</td>
<td>$5,020</td>
</tr>
<tr>
<td>Computer Products - hardware</td>
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<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Consumer Products (food, household &amp; personal care)</td>
<td>4</td>
<td>$4,670</td>
<td>$4,340</td>
<td>$3,000</td>
<td>$7,000</td>
</tr>
<tr>
<td>Electronics/Robotics</td>
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<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Other</td>
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<td>*</td>
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</tr>
<tr>
<td>Nonprofit</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Real Estate/Construction</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Retail/Wholesale</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology</td>
<td>43</td>
<td>$6,154</td>
<td>$6,720</td>
<td>$1,600</td>
<td>$11,500</td>
</tr>
</tbody>
</table>

*Single salaries / salary ranges of two respondents not reported.*
LOCATIONS OF INTERNSHIPS

Argentina – 1
China – 1
France – 1
Hong Kong – 1
India – 2
Japan – 1
South Korea – 1
Saudi Arabia – 1
Turkey – 2
United Kingdom – 1

LOCATIONS OF INTERNATIONAL INTERNSHIPS

Argentina – 1
China – 1
France – 1
Hong Kong – 1
India – 2
Japan – 1
South Korea – 1
Saudi Arabia – 1
Turkey – 2
United Kingdom – 1
DATE RECEIVED OFFER
201 students reported the date they received the offer for the position they accepted.

![Bar chart showing the percentage of offers received by date.]

EMPLOYERS WITH MOST OFFERS ACCEPTED
Full-time & Part-time Employment

<table>
<thead>
<tr>
<th>Number Accepted</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>University of Pennsylvania</td>
</tr>
<tr>
<td>14</td>
<td>Facebook</td>
</tr>
<tr>
<td>12</td>
<td>Google</td>
</tr>
<tr>
<td>10</td>
<td>Amazon</td>
</tr>
<tr>
<td>7</td>
<td>Goldman Sachs, Microsoft</td>
</tr>
<tr>
<td>3</td>
<td>Boeing, Bloomberg, Deloitte, NASA, Tesla, Two Sigma</td>
</tr>
<tr>
<td>2</td>
<td>Adobe, Accenture, AQR Capital, Evonik, Investment Tech Group, PwC, Schlumberger, Susquehanna International Group, Willow Tree, Inc.</td>
</tr>
</tbody>
</table>
POSITIONS REPORTED BY MAJOR
All Respondents (Full-time, Part-time, Paid and Unpaid)

ENGINEERING DEGREES

Applied Science – Biomedical Science
Children's Hospital of Philadelphia, Philadelphia, Pennsylvania, Observer
CipherHealth, New York, New York, Account Strategy Intern
Cullen Lab, Philadelphia, Pennsylvania, Research Assistant
Intrexon Corporation, Germantown, Maryland, Summer Intern
Potomac Institute for Policy Studies, Washington, District of Columbia, Policy Intern
Wachtell, Lipton, Rosen & Katz, New York, New York, Summer Litigation Paralegal

Applied Science – Computer & Cognitive Science
Aksis, Istanbul, Turkey, Back End Software Developer
Amazon, Seattle, Washington, Software Development Engineer

Applied Science – Computer Science
Amazon, Seattle, Washington, Software Developer Engineer Intern
Desktop Genetics, London, England, Software Intern
Giphy /hackney, New York, New York, Search Engineer Intern / hackNY Fellow
Imagine Leadership, LLC Philadelphia Web Developer & Graphic Designer
IMPATHIQ, Raleigh, North Carolina, Software Development Intern
Innogy SE, Germany, System Analyses Intern/Ruhr Fellow
University of Pennsylvania, Philadelphia, Pennsylvania, Student Manager

Bioengineering
Army Research Laboratories, Aberdeen, Maryland, Research Intern
AstraZeneca, Gaithersburg, Maryland, Global Analytics Intern
BioBots, Philadelphia, Pennsylvania, Wetware Intern
Children's Hospital of Philadelphia, Philadelphia, Pennsylvania, Student Informatics Assistant
Da Vinci Science Center, No location provided, Floor Volunteer
DayBlink Consulting, McLean, Virginia, Summer Analyst
Macquarie Group, New York, New York, Summer Analyst
Morgan Stanley, New York, New York, Operations Analyst
Penn Health System, McKay Orthopaedic Research Laboratory, Philadelphia, Philadelphia, Research Assistant
Penn Health System, McKay Orthopaedic Research Laboratory, Philadelphia, Philadelphia, Research Assistant
Stryker, Fort Lauderdale, Florida, Robotics Intern
Takeda, Boston, Massachusetts, Intern
University of California, Berkeley, San Francisco, California, Amgen Scholar
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Smilow Center for Translational Research, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Wand Lab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Vancouver Prostate Centre, Vancouver, BC, Canada, Summer Assistant

Chemical and Biomolecular Engineering
Aveda, Blaine, Minnesota, Research and Development Intern
Bank of the West, San Ramon, California, Financial Analyst Intern
Capital One, Washington, District of Columbia, Business Analyst Intern
Celgene Corporation, Summit, New Jersey, Clinical R&D Intern
Clean Earth, Inc., Allentown, Pennsylvania, Lean Manufacturing Engineering Intern
Chemical and Biomolecular Engineering Continued
Dow Chemical Company, Midland, Michigan, Production Engineer
Emerald Performance Materials, no location provided, Project Engineering Intern
Evonik, Lafayette, Indiana, Procurement Intern
Evonik, Parsippany, New Jersey, New Business Growth Intern
Groundwater & Environmental Services, Inc., Exton, Pennsylvania, Chemical Engineering Intern
JPMorgan Chase & Co., No Location Provided, Markets Summer Analyst
Kemet Ventures, Orlando, Florida, Android Development Intern
NASA Langley Research Center, Hampton, Virginia, Intern
Nike, Portland, Oregon, Procurement Intern
Pfizer, New York, New York, Knowledge and Process Excellence Summer Intern
Polysciences, Inc., Warrington, Pennsylvania, Process Engineer Intern
Schlumberger - Weatherford Joint Venture, Al-Khobar, Saudi Arabia, Tool Manufacturing Intern
Solenis, Wilmington, Delaware, Research and Development Intern
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania, Residential Teaching Assistant
Wanderus, San Francisco, California, Co-Founder
Windy Hill Foundation, no location provided, Camp Instructor

Computer Engineering
Adobe Systems Inc., San Jose, California, Software Engineering Intern
Bloomberg LP, Princeton, New Jersey, Summer Data Analyst
Google Mountain View, California, Software Engineering Intern
Intel Corporation, Santa Clara, California, Hardware/Software Engineering Intern
InteXilinx, San Jose, California, Design Engineering Intern

Computer Science
Acme Astronomatic, Portland, Oregon, Software Engineering Intern
Addepar, San Francisco, California, Software Engineer Intern
Apple, Cupertino, California, Software Engineering Intern
Autism Telemedicine, Philadelphia, Pennsylvania, Intern
Bain & Company, New York, New York, Associate Consultant Intern
Bank of America Merrill Lynch, New York, New York, Global Technology Summer Analyst
Bloomberg LP, New York, New York, Engineering Intern
Bridgewater, Stamford, Connecticut, Technology Associate
Cisco, Austin, Texas, Software Engineering Intern
Citadel, Chicago, Illinois, Quantitative Strategies Intern
Dropbox, San Francisco, California, Software Engineer Intern
Ellucian, Malvern, Pennsylvania, Research & Development Intern
Facebook, San Francisco, California, Software Engineering Intern
Facebook, Menlo Park, California, Software Engineer Intern
Facebook, Menlo Park, California, Software Engineer Intern
Five Rings Capital, New York, New York, Trading Intern
Goldman Sachs, New York, New York, Summer Technology Analyst
Google, Mountain View, California, Associate Product Manager Intern
Google, Mountain View, California, Software Engineering Intern
Google, San Francisco, California, Associate Product Manager Intern
Google, San Francisco, California, Software Engineering Intern
Google, Seoul, South Korea, Software Engineering Intern
InternU, Philadelphia, Pennsylvania, Junior Developer
LinkedIn, Sunnyvale, California, Software Engineering Intern
Computer Science Continued
Mesosphere, San Francisco, California, Software Engineer Intern
Microsoft, Redmond, Washington, Program Manager Intern
Microsoft, Redmond, Washington, Software Development Intern
Microsoft, no location provided, Summer Intern
Morgan Stanley, New York, New York, Technology Summer Analyst
Netsil, San Francisco, California, Software Engineering Intern
OurOdds, no location provided, Co-founder
Palantir London, United Kingdom, Forward Deployment Engineer Intern
Penn Health System, Center for Healthcare Innovation, Philadelphia, Pennsylvania, Software Engineer
Qualtrics, Provo, Utah, Software Research & Development Intern
Quorum Analytics, Washington, District of Columbia, Software Development Intern
Susquehanna International Group, Bala Cynwyd, Pennsylvania, Trading Intern
ThinkCERCA, Chicago, Illinois, Full Stack Development Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
Wenlin Institute, New York, New York, Software Intern
WillowTree Inc., Durham, North Carolina, Software Engineering Intern
WillowTree, Inc., Charlottesville, Virginia, Software Developer Intern
Yext, New York City, New York, Software Engineering Intern
Zocdoc, New York, New York, Software Engineering Intern
Zynga, San Francisco, California, Product Manager Intern

Digital Media Design
Airbnb, Seattle, Washington, Software Engineering Intern
Amazon, San Francisco, California, Software Development Engineer Intern
Google, Mountain View, California, Software Engineering Intern
Livedrop, Philadelphia, Pennsylvania, Lead Developer
Magic Leap, Plantation, Florida, Interaction Prototyper
Oculus VR, San Francisco, California, Software Engineer Intern
University of Central Florida, Orlando, Florida, Research Assistant
Zynga, Carlsbad, CA, California, Software Engineering Intern

Electrical Engineering
Amazon, Seattle, Washington, Hardware Development Engineer
Astro Digital, Mountain View, California, Mission & Production Management Intern
General Dynamics Mission Systems, Florham Park, New Jersey, Hardware Engineer Intern
Harris Corporation, Roanoke, Virginia, Electrical Engineering Intern
Honeywell, Fort Washington, Pennsylvania, Embedded Systems Software Engineering Intern
Intel Corporation, Santa Clara, California, Market Channels Acceleration Intern
Susquehanna International Group, Philadelphia, Pennsylvania, Trading Intern

Materials Science and Engineering
Avisi Technologies, Philadelphia, Pennsylvania, Co-Founder, Technology Lead
Boeing, Philadelphia, Pennsylvania, Materials and Process Engineer Intern
Estee Lauder, Melville, New York, Intern - Materials Science and Advanced Technologies Lab
Inspire, Philadelphia, Pennsylvania, Event Sales Specialist
Rowan University, Glassboro, New Jersey, Research Assistant
Sandia National Laboratories, Livermore, California, Biosciences Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Program Assistant
University of Pennsylvania Laboratory for Research on the Structure of Matter, Philadelphia, Pennsylvania
University of Pennsylvania, Summer Science Initiative, Philadelphia, Pennsylvania, Lab Teaching Assistant
Mechanical Engineering and Applied Mechanics
Accenture LLC, New York, New York, Strategy Analyst
Amazon, Seattle, Washington, Software Development Engineer Intern
Applied Predictive Technologies, Arlington, Virginia, Quality Assurance Engineer Intern
Artistic Entertainment Services, Orlando, Florida, Designer
Axon Enterprise, Inc., Scottsdale, Arizona, R&D Hardware Engineering Intern
Bloom Energy, Sunnyvale, California, Mechanical Engineering Intern
BlueStamp Engineering, San Francisco, California, Lead Instructor
Credit Suisse, San Francisco, California, Investment Banking Summer Analyst
Exact Metrology, Cincinnati, Ohio, Applications Engineer Intern
Fluor Corporation, Greenville, South Carolina, Automation Process Engineering Intern
Formlabs, Somerville, Massachusetts, Print Production Intern
GE Healthcare, Milwaukee, Wisconsin, Advanced Manufacturing Engineering Intern
Kulicke & Soffa, Fort Washington, Pennsylvania, Manufacturing Engineering Intern
Microsoft, Redmond, Washington, Mechanical Engineering Intern
MIT Lincoln Laboratory, Boston, Massachusetts, Summer Research Program Intern
ModLab, Philadelphia, Pennsylvania, Research Assistant
NIO US, San Jose, California, Thermal System Energy Analyst Intern
Nouvair, Los Angeles, California, Lead Engineer
Precision Stone, Westbury, New York, Intern
Regeneron Pharmaceuticals, Inc., Tarrytown, New York, Engineering Intern
Southco, Inc., Concordville, Pennsylvania, Manufacturing Engineering Intern
SpaceX, Los Angeles, California, Instrumentation Intern
Steelcase, Grand Rapids, Michigan, PD&L Engineering Intern
TemperPack, Richmond, Virginia, Product Developer
Tesla, San Francisco, California, Mechanical Design Engineering Intern
The Open Classroom, Tin Hau, Hong Kong, Summer Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
Wayfair, Boston, Massachusetts, Operations Analyst

Networked and Social Systems Engineering
Azavea, Philadelphia, Pennsylvania, Open Source Software Fellow
Facebook, Menlo Park, California, Software Engineering Intern
Draper Dragon Fund, San Francisco, California, Analyst
Google, Mountain View, California, Software Engineering Intern
Microsoft, Redmond, Washington, Software Engineering Intern
Riot Games, Los Angeles, California, Software Engineering Intern

Systems Science and Engineering
AAA Northern California, Nevada & Utah, Walnut Creek, California, Summer Intern, IT Project Management
Accenture, Toronto, Canada, Consulting Analyst
Anheuser Busch, St. Louis, Missouri, Global Management Trainee Intern
Capital One, McLean, Virginia, Business Analyst Intern
CardConnect, King of Prussia, Pennsylvania, Product Management Intern
Deloitte, New York, New York, Human Resources Transformation Summer Scholar
Disney ABC Television Group, Burbank, California, Technology & Operations Intern
Systems Science and Engineering Continued
DRW, New York, New York, Trading Analyst Intern
GCA, New York, New York, Summer Analyst
Goldman Sachs, New York, New York, Summer Analyst
InfoTRON, Istanbul, Turkey, R&D Engineer
Oliver Wyman, No location provided, Summer Associate
PwC, Washington, District of Columbia, Forensic Technology Solutions
SoSACorp, Philadelphia, Pennsylvania, Research Analyst
Tusk Ventures, New York, New York, Investment Intern
Twice The Speed, Chicago, Illinois, Intern

ENGINEERING DOUBLE MAJORS

Applied Science – Computer Science and Mathematics
Goldman Sachs, New York, New York, Summer Technology Analyst

Applied Science – Computer Science and Psychology
Camp Ramah, Palmer, Massachusetts, Division Head

Bioengineering and Chemical & Biomolecular Engineering
Dr. Isaiah Arkin, Biological Chemistry, Jerusalem, Israel, Research Assistant

Bioengineering and Computer Science
Amazon Robotics, North Reading, Massachusetts, Software Development Engineering Intern
GreatCall, San Diego, California, Software Engineering Intern

Bioengineering and Economics
J.P. Morgan, No location provided, Sales and Trading Summer Analyst
Putnam Associates, Boston, Massachusetts, Summer Associate Consultant

Chemical & Biomolecular Engineering and Systems Science & Engineering
Capital One, Washington, District of Columbia, Business Analyst

Chemical & Biomolecular Engineering and Computer Science
Aleksandra Vojvodic Lab, Philadelphia, Pennsylvania, Research Assistant

Computer Science and Electrical Engineering
Nvidia, Santa Clara, California, Intern

Computer Science and Mathematical Economics
Citadel LLC, Chicago, Illinois, Software Engineering Intern

Electrical Engineering and Computer Science
The Walt Disney Company, Burbank/Glendale, California, Project Management Intern

Electrical Engineering and Mechanical Engineering & Applied Mechanics
Pond Technologies Inc., Markhan, Canada, Laboratory Researcher
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
Electrical Engineering and Systems Science & Engineering
Cadre, New York, New York, Product Manager Intern
Massachusetts Institute of Technology, Cambridge, Massachusetts, Research Intern

Mechanical Engineering & Applied Mechanics and Computer Science
MANA Partners LLC, New York, New York, Quantitative Research Intern

Mechanical Engineering & Applied Mechanics and Economics
Woveon, Philadelphia, Pennsylvania/Sydney, Australia, Co-Founder

Mechanical Engineering & Applied Mechanics and Materials Science & Engineering
Boeing, Philadelphia, Pennsylvania, Materials and Process Engineer Intern

ENGINEERING DUAL DEGREES (BAS/BSE & MSE)

Applied Science - Computer Science (BAS) and Computer & Information Science (MSE)
JP Morgan Chase, Newark, Delaware, TAP Analyst Intern

Applied Science - Computer Science (BAS) and Data Science (MSE)
BlackRock, San Francisco, California, Software Engineering Intern

Applied Science - Computer Science (BAS) and Systems Engineering (MSE)
Two Six Capital, San Francisco, California, Data Engineer

Applied Science - Computer Science (BAS) and Robotics (MSE)
Bridgewater Associates, Westport, Connecticut, Technology Associate Intern

Bioengineering (BSE) and Bioengineering (MSE)
Army Research Laboratory, Aberdeen, Maryland, Contractor, Soldier Protection Services Branch
Celgene, Summit, New Jersey, Intern, Global Quality Systems
Center for Autism Research, Philadelphia, Pennsylvania, Data and Computer Science Research Assistant
Children's Hospital of Philadelphia, Department of Biomedical and Health Informatics, Philadelphia, Pennsylvania, Informatics Research Assistant
Electronic Arts, Seattle, Washington, Software Engineer
Intel Corporation, Santa Clara, California, Smart Device Innovation Technical Intern
L’Oreal, Clark, New Jersey, Research and Innovation Intern
PriceWaterhouse Coopers, LLP, McLean, Virginia, Forensic Technology Consultant Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania Health System, Philadelphia, Pennsylvania, Radiology Research Assistant

Bioengineering/Computer Science (BSE) and Bioengineering (MSE)
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Bioengineering (BSE) & Mechanical Engineering & Applied Mechanics (MSE)
Smithwise, Philadelphia, Pennsylvania, Mechanical Engineer Intern
University of Pennsylvania Spine Pain Research Lab, Philadelphia, Pennsylvania, Research Assistant

Bioengineering (BSE) & Computer Systems Engineering (MSE)
PriceWaterhouse Coopers, LLP, New York, New York, Advisory Intern
Chemical & Biomolecular Engineering (BSE) and Chemical & Biomolecular Engineering (MSE)
Richter Dental, Merrillville, Indiana, Operations Assistant
University of Pennsylvania, Molecular and Cell Biophysics Lab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania, Residential Teaching Assistant

Computer Engineering (BSE) and Computer & Information Science (MSE)
Amazon, Seattle, Washington, Software Development Engineering Intern
MacKay Shields LLC, New York, New York, Cybersecurity Intern
MongoDB, New York City, New York, Software Engineer Intern

Computer Engineering (BSE) and Computer Graphics & Game Technology (MSE)
Fitbit, San Francisco, California, Firmware Engineering Intern

Computer Science (BSE) and Computer Graphics & Game Technology (MSE)
Bloomberg LP, New York, New York, Software Engineering Intern

Computer Science (BSE) and Computer & Information Science (MSE)
Amazon Robotics, North Reading, Massachusetts, Software Engineer
Bridgewater Associates, Stamford, Connecticut, Technology Associate Intern
Khan Academy, Mountain View, California, Software Engineer Intern
Lockheed Martin, King of Prussia, Pennsylvania, Software Engineering Intern
Uber, San Francisco, California, Software Engineering Intern

Computer Science (BSE) and Data Science (MSE)
Alarm.com, McLean, Virginia, Software Engineering Intern

Computer Science (BSE) and Systems Engineering (MSE)
Goldman Sachs, New York, New York, Summer Analyst

Digital Media Design (BSE) and Computer Graphics & Game Technology (MSE)
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Electrical Engineering (BSE) and Electrical Engineering (MSE)
Accenture, Raleigh, North Carolina, Functional Analyst
Boston Consulting Group, Denver, Colorado, Summer Associate
Morgan Stanley, New York, New York, Technology Summer Analyst
University of Pennsylvania, School of Engineering & Applied Science, Philadelphia, Pennsylvania, Research Assistant - Littlejohn Fellowship

Electrical Engineering (BSE) and Mechanical Engineering & Applied Mechanics (MSE)
ReNew Power Ventures Lmt., Gurgaon, India, Technology Group Intern

Mechanical Engineering & Applied Mechanics (BSE) and Integrated Product Design (MSE)
Ameresco, Oak Brook, Illinois, Engineering Assistant
LUNAR, San Francisco, California, Mechanical Engineering Intern
Mechanical Engineering & Applied Mechanics (BSE) and Mechanical Engineering & Applied Mechanics (MSE)
Boeing, New Orleans, Louisiana, Mechanical and Structural Engineering Intern
Magrann Associates, Mt. Laurel, New Jersey, Technical Consulting Intern
PS&S Integrated Services, Cherry Hill, New Jersey, Engineering and Architecture Intern
REACT/GIANT International Internship Program, Grenoble, France, Research Assistant
Tesla, San Francisco, California, Quality Engineering Intern
Victory Junction, Randleman, North Carolina, Program Counselor

Mechanical Engineering & Applied Mechanics (BSE) and Robotics (MSE)
Axon Enterprise, Inc., Scottsdale, Arizona, Hardware Engineering Intern
Jet Propulsion Laboratory, Pasadena, California, Maritime Autonomy Intern
J.P. Morgan, Jersey City, New Jersey, Data Science Intern
NASA Jet Propulsion Laboratory, Pasadena, California, Intern
Raytheon Missile Systems, Tucson, Arizona, Analysis and Test Analyst
Tesla, Palo Alto, California, Intern
University of Pennsylvania, Turner Group, Penn Engineering, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, MODLab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Penn Engineering Research & Collaboration Hub (PERCH), Philadelphia, Pennsylvania, Robotics Research Assistant
University of Pennsylvania, Rehabilitation Robotics Laboratory, Philadelphia, Pennsylvania, Research Assistant
Walt Disney Imagineering – Glendale, California, Ride, Mechanical Engineering Intern

Mechanical Engineering & Applied Mechanics (BSE) and Systems Engineering (MSE)
Bank of America Merrill Lynch, Charlotte, North Carolina, Business Analyst

Mechanical Engineering & Applied Mechanics (BSE) and Computer Science (MSE)
Barclays, New York, New York, Technology Analyst

Mechanical Engineering & Applied Mechanics (BSE)/Computer Science (BSE) and Robotics (MSE)
Two Sigma, New York, New York, Software Engineering Intern

Networked & Social Systems Engineering (BSE) and Computer & Information Science (MSE)
Bridgewater Associates, Stamford, Connecticut, Technology Associate Intern
Investment Technology Group, New York, New York, Summer Analyst
Millennium Management LLC, New York, New York, Data Security Intern

Systems Science & Engineering (BSE) and Robotics (MSE)
End to End Analytics, Palo Alto, California, Analytics Consulting Intern

Systems Science & Engineering (BSE) and Systems Engineering (MSE)
Investment Technology Group, New York, New York, Analytics Research

Systems Science & Engineering/Mathematics (BSE) and Systems Engineering (MSE)
Chicago Trading Company, Chicago, Illinois, Trading Assistant Intern
ENGINEERING and COLLEGE OF ARTS & SCIENCES DUAL DEGREES (BAS/BSE and BA)

Biology and Biotechnology (MB)
Center for iPS Cell Research and Application, Kyoto, Japan, Research Intern
The Wistar Institute, Philadelphia, Pennsylvania, Research Assistant

Chemical & Biomolecular Engineering and Earth Sciences
Schlumberger, El Reno, Oklahoma, Field Engineer

Computer Science and Economics
Facebook, Menlo Park, California, Software Engineering Intern

Computer Science and Fine Arts
Pinterest, San Francisco, California, Software Engineer

Computer Science and Mathematics
Two Sigma, New York, New York, Software Engineering Intern

Computer Science and Philosophy
Kensho Technologies, Washington, District of Columbia, Software Engineering Intern

Electrical Engineering and Physics
Lawrence Berkeley National Lab, Berkeley, California, Intern

Mechanical Engineering & Applied Mechanics and Physics
NASA, Cleveland, Ohio, Magnetically Geared Motors Intern

Systems Science & Engineering and Political Science
Snowe, New York, New York, Summer Associate

ENGINEERING and WHARTON DUAL DEGREES (BAS/BSE and BSEcon)

Applied Science – Computer Science and Business Analytics
Globe Telecom, Taguig City, Philippines, Intern
Palantir Technologies, Washington, District of Columbia, Forward Deployed Engineering Intern

Applied Science – Computer Science and Management/Business Analytics
Facebook, Menlo Park, California, Software Engineering Intern

Applied Science – Computer Science and Finance
AQR Capital Management, Greenwich, Connecticut, Research Summer Analyst
PJT Partners, New York, New York, Summer Analyst

Applied Science – Computer Science and Statistics
Oliver Wyman, New York, New York, Consulting Intern

Applied Science – Computer Science and Management
Amazon, Palo Alto, California, SDE Intern
McKinsey & Co., San Francisco, California, Summer Business Analyst
Applied Science – Computer Science and Operations, Information and Decisions
Airbnb Inc., San Francisco, California, Software Engineering Intern
Facebook, Menlo Park, California, Software Engineering Intern
Facebook, Menlo Park, California, Software Engineering Intern

Applied Science – Individualized and Finance / Business Analytics
Houlihan Lokey, New York, New York, Summer Analyst

Bioengineering and Finance
M Klein & Company, New York, New York, IB Summer Analyst

Bioengineering and Health Care Management & Policy / Economics
Goldman Sachs, New York, New York, Summer Analyst

Bioengineering and Operations Information & Decisions
Treacy and Company, Needham, Massachusetts, Summer Analyst

Computer & Information Technology (MCIT) and Business Analytics
J.P. Morgan, Newark, Delaware, Global Technology Infrastructure Intern

Computer & Information Technology (MCIT) and Management
Microsoft, Redmond, Washington, Product Manager

Computer Science and Business Analytics
DRW, New York, New York, Trading Intern
Two Sigma, New York, New York, Software Engineering Intern

Computer Science and Finance
AQR Capital, Greenwich, Connecticut, Research Analyst
BCG, No location provided, Summer Associate
Insight Venture Partners, New York, New York, Analyst
Morgan Stanley, Menlo Park, California, Summer Analyst

Computer Science and Finance / Management
Juvo, San Francisco, California, Product Manager

Computer Science and Finance / Management / Business Analytics
PJT Partners, New York, New York, Summer Analyst
Two Sigma, New York, New York, Software Engineering Intern

Computer Science and Finance / Marketing / Business Operations
Yellowdig, Philadelphia, Pennsylvania, Software Engineering Intern

Computer Science and Management
Facebook, Menlo Park, California, Software Engineering Intern
Google, Mountain View, California, Associate Product Management Intern
Snap, Inc., Venice, California, Software Engineering Intern

Computer Science and Management / Business Analytics
Facebook, Menlo Park, California, Software Engineer
Google, Mountain View, California, Associate Product Manager Intern

Computer Science and Statistics
Atomic, San Francisco, California, Product Manager Intern
Facebook, Menlo Park, California, Software Engineering Intern
Facebook, Menlo Park, California, Software Engineering Intern

**Computer Science and Operations Information & Decisions**
Instagram, Menlo Park, California, Software Engineering Intern

**Computer Engineering and Management/Operations Information & Decisions/Entrepreneurial Management**
Microsoft, Seattle, Washington, Program Management Intern

**Electrical Engineering and Finance/Management**
Council of Fashion Designers of America, New York, New York, Consultant and Researcher
University of Pennsylvania, GRASP Lab, Philadelphia, Pennsylvania, Research Assistant

**Materials Science & Engineering and Marketing/Operations Management**
Avascent, Washington, District of Columbia, Summer Analyst

**Mechanical Engineering & Applied Mechanics and Business Analytics**
Wells Fargo Securities New York, New York, Investment Banking Summer Analyst

**Mechanical Engineering & Applied Mechanics and Finance**
Government of Buenos Aires, Buenos Aires, Argentina, Independent Consultant
Tesla, San Francisco, California, Intern, FP&A and Business Operations

**Mechanical Engineering & Applied Mechanics and Management**
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

**Mechanical Engineering & Applied Mechanics and Operations Information & Decisions**
Plank, Philadelphia, Pennsylvania, Co-Founder

**Networked & Social Systems Engineering and Economics**
Facebook, Menlo Park, California, Data Science Intern

**Robotics (MSE) and Marketing and Operations Management**
Haier, Qingdao, China, Product Design Intern

**Systems Science & Engineering and Economics**
BNY Mellon, Philadelphia, Pennsylvania, Summer Analyst

**Systems Science & Engineering and Finance**
Cadre, New York, New York, Real Estate PE Analyst

**Systems Science & Engineering & Mathematics**
Goldman Sachs, New York, New York, Securities Summer Analyst

**Systems Science & Engineering & Management/Economics**
Applied Predictive Technologies, Arlington, Virginia, Business Consultant Intern
Incyte, Wilmington, Delaware, Director of Corporate Operations

**Systems Science & Engineering & Management/Finance**
Bain Capital, Boston, Massachusetts, Private Equity Analyst
Systems Science & Engineering & Management/Marketing & Operations Management
Google, San Francisco, California, APMM Intern

Systems Science & Engineering and Finance/Operations, Information and Decisions
Capital One, McLean, Virginia, Business Analyst Intern

Systems Science & Engineering and Operations, Information and Decisions/Statistics
Deloitte Consulting, New York, New York, Data Science Summer Scholar

ENGINEERING and GRADUATE ARTS & SCIENCES

Computer and Information Science (MSE) and Economics/Computer Science (BA)
LGS Innovations, Florham Park, New Jersey, Computer Science Intern

Computer and Information Science (MSE) and Math/Computer Science (BA)
Morgan Stanley, New York, New York, Quantitative Finance Summer Analyst
SUMMER 2017 SURVEY OF RISING JUNIORS—CLASS OF 2019

OVERVIEW

Career Services surveys students at the end of the summer, seeking information about students' summer activities. Students in the class of 2019 were “rising juniors” during Summer 2017, and 221 (51%) of 431 students completed this survey. Rising juniors may engage in a range of summer activities: taking courses; volunteering; interning in a paid or unpaid, full-time or part-time position; traveling; engaging in research on one’s own, at Penn or another institution; externing or job shadowing; or any combination of summer activities.

For the class of 2019, 85% of the respondents shared information about work experiences (summer job, internship, research, volunteer work, externship)—both full-time and part-time. 86% of the students working, reported receiving summer internship offers by April 2017.

Prepared by Tiffany Franklin, Associate Director
April 2018

SUMMER 2017 PRIMARY ACTIVITY
(as reported by 221 students)

![Pie chart showing summer primary activity]

- Work - Paid: 78%
- Work - Unpaid: 7%
- Classes: 7%
- Travel: 4%
- Independent Research: 1%
- Other: 3%

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- Work Experiences—Hours and Wages ............page 2
- How Students Obtained Summer Positions ...page 2
- Date Summer Offer Was Received ..................page 2
- Employers with Most Offers Accepted ..........page 3
- Location of Summer Positions ......................page 3
- International Experiences .........................page 4
- Summer Positions Reported by Industry ......page 4
- Summer Positions Reported by Major ..........page 5
WORK EXPERIENCES—HOURS AND WAGES IN SUMMER 2017

<table>
<thead>
<tr>
<th></th>
<th>Full-Time Employment</th>
<th>Part-Time Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Respondents:</td>
<td>154</td>
<td>Number of Respondents:</td>
</tr>
<tr>
<td>Unpaid Position:</td>
<td>4</td>
<td>Unpaid Position:</td>
</tr>
<tr>
<td>Paid Position:</td>
<td>150</td>
<td>Paid Position:</td>
</tr>
<tr>
<td>Reported Salary:</td>
<td>125</td>
<td>Reported Salary:</td>
</tr>
<tr>
<td>Average Monthly Salary:</td>
<td>$3,487</td>
<td>Average Monthly Salary:</td>
</tr>
<tr>
<td>Monthly Salary Range:</td>
<td>$500 - $9,600</td>
<td>Monthly Salary Range:</td>
</tr>
<tr>
<td>Average Hours per Week:</td>
<td>43</td>
<td>Average Hours per Week:</td>
</tr>
<tr>
<td>Range of Hours per Week:</td>
<td>30-120</td>
<td>Range of Hours per Week:</td>
</tr>
</tbody>
</table>

HOW STUDENTS OBTAINED SUMMER POSITIONS IN 2017
(as reported by 158 students)

AGGREGATE PERCENTAGE OF RESPONDENTS RECEIVING INTERNSHIP OFFERS, BY MONTH
EMPLOYERS WITH MOST OFFERS ACCEPTED IN SUMMER 2017
(includes full-time and part-time positions)

<table>
<thead>
<tr>
<th>Employer</th>
<th>Offers</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>37</td>
</tr>
<tr>
<td>Google</td>
<td>7</td>
</tr>
<tr>
<td>JP Morgan Chase &amp; Co.</td>
<td>4</td>
</tr>
<tr>
<td>Lockheed Martin</td>
<td>4</td>
</tr>
<tr>
<td>Siemens</td>
<td>3</td>
</tr>
<tr>
<td>University of Pennsylvania Health System</td>
<td>3</td>
</tr>
<tr>
<td>Amazon</td>
<td>2</td>
</tr>
<tr>
<td>Bentley Systems</td>
<td>2</td>
</tr>
<tr>
<td>Microsoft</td>
<td>2</td>
</tr>
<tr>
<td>PricewaterhouseCoopers</td>
<td>2</td>
</tr>
<tr>
<td>SAP</td>
<td>2</td>
</tr>
<tr>
<td>Slack</td>
<td>2</td>
</tr>
</tbody>
</table>

LOCATION OF SUMMER POSITIONS IN 2017

The majority of the students were in the Mid-Atlantic region, which includes Pennsylvania, New Jersey, and New York. The states with the highest number of summer positions include:

<table>
<thead>
<tr>
<th>State</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pennsylvania</td>
<td>37%</td>
</tr>
<tr>
<td>New York</td>
<td>15%</td>
</tr>
<tr>
<td>California</td>
<td>13%</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>5%</td>
</tr>
<tr>
<td>Maryland</td>
<td>3%</td>
</tr>
<tr>
<td>Texas</td>
<td>2%</td>
</tr>
<tr>
<td>Florida</td>
<td>2%</td>
</tr>
<tr>
<td>Illinois</td>
<td>2%</td>
</tr>
<tr>
<td>Non U.S.</td>
<td>12%</td>
</tr>
<tr>
<td>All others</td>
<td>9%</td>
</tr>
</tbody>
</table>
INTERNATIONAL EXPERIENCES IN SUMMER 2017
(as reported by 30 students)

- Completed classes overseas ........................................7%
- Traveled overseas .......................................................17%
- Worked overseas .......................................................76%

SUMMER POSITIONS BY INDUSTRY IN SUMMER 2017
SUMMER POSITIONS REPORTED BY MAJOR IN 2017
(Includes all respondents—full-time and part-time; paid and unpaid)

ENGINEERING BAS/BSE DEGREE CANDIDATES

Applied Science – Biomedical Science
University of Pennsylvania - Department of Bioengineering, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania Health System, Philadelphia, Pennsylvania, Research Assistant

Applied Science - Computational Biology
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Applied Science – Computer Science
Birchbox, New York, New York, CRM Intern
JP Morgan Chase & Co., New York, New York, Technology Analyst Intern
Reynolds, Lake Forest, Illinois, Augmented Reality Development and Blockchain Researcher Intern
TMON, Inc., Seoul, Korea, Software Development Intern

Bioengineering
Bridge to Enter Advanced Mathematics, New York, New York, TA/Counselor
Harvard Stem Cell Institute, Boston, Massachusetts, Research Intern
LifeSensors, Malvern, Pennsylvania, Summer Intern
OcuFLOW, Inc., Baltimore, Maryland, Intern
Penn Color, Inc., Hatfield, Pennsylvania, Marketing and R&D Intern
Stryker Endoscopy, San Jose, California, Regulatory Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Center for Neuroengineering & Therapeutics, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania, Residential Teaching Assistant
University of Pennsylvania, Perelman School of Medicine, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania Health System, Philadelphia, Pennsylvania, Research Assistant
Upward Bound, Philadelphia, Pennsylvania, Math Tutor

Chemical and Biomolecular Engineering
ExxonMobil, Baytown, Texas, Global Supply Chain Intern
Grenoble INP (Institut Polytechnique de Grenoble), Grenoble, France, Research Intern
ImCare Biotech, Doylestown, Pennsylvania, Summer Intern
Mathnasium, El Paso, Texas, Instructor
Monument Chemical, Brandenburg, Kentucky, Supply Chain Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Crocker Lab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Perelman School of Medicine, Philadelphia, Pennsylvania, Research Assistant
Computer Engineering
BresslerGroup, Philadelphia, Pennsylvania, Junior Electrical Engineer
Siemens, Malvern, Pennsylvania, Intern
TM38, Philadelphia, Pennsylvania, Software Engineering Intern

Computer Science
Accenture, Jakarta, Indonesia, Summer Analyst
Atlas Guide, Seoul, Korea, Software Intern
BrickSimple, Doylestown, Pennsylvania, Intern Developer
CCC Information Services, Chicago, Illinois, Product and Technology Intern in Quality Assurance
Check Point Software Technologies, Tel Aviv, Israel, Software Engineering Intern
Estee Lauder Companies Inc., New York, New York, Data Science Intern
FireEye Inc., Charlottesvile, Virginia, Software Development Intern
FX Digital, London, England, Research and Development Intern
Hubl, Philadelphia, Pennsylvania, Engineer
JP Morgan Chase & Co., New York, New York, Technology Analyst Intern
Kepler Group, New York, New York, Technology & Data Services Intern
Lincoln Financial Group, Philadelphia, Pennsylvania, Applications Developer
Lockheed Martin, King of Prussia, Pennsylvania, College Tech Sr. Intern
Lockheed Martin, Littleton, Colorado, College Tech Sr. Intern
McKinsey New Ventures, New York, New York, Summer Business Analyst
Microsoft, Boston, Massachusetts, Software Developer Intern
Modsy, San Francisco, California, Business & Operations Analytics Intern
National Museum of Mathematics, New York, New York, Technology Intern
National Public Radio, Washington, DC, Mobile Development Intern
Over, Cape Town, South Africa, Software Engineering Intern
PDT Partners, LLC, New York, New York, Summer Technology Analyst
Roomi, New York, New York, Android Development Intern
SAP, Newtown Square, Pennsylvania, Hybris Consulting Intern
SAP Fieldglass, Chicago, Illinois, Product Development - Integrations Business Analyst Intern
Slack, San Francisco, California, Engineering Intern
Slack, San Francisco, California, Data Engineering Intern
Slice Capital, Palo Alto, California, Co-Founder & CEO
Trax Retail, Tel Aviv, Israel, Software/Data Analysis Intern
Two Six Capital, New York, New York, Data Scientist (Private Equity)
Ultimate Software, Ft. Lauderdale, Florida, Software Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Researcher Assistant
University of Pennsylvania, GRASP Lab, Philadelphia, Pennsylvania, Research Assistant
Wealthfront, Redwood City, California, Software Engineering Intern

Digital Media Design
Chariot Transit, San Francisco, California, Product Intern
Paramount Pictures, Los Angeles, California, Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, SIGLab, Philadelphia, Pennsylvania, Research Assistant
VINCI VR, Boston, Massachusetts, Co-Founder, CTO
Electrical Engineering
CPS Energy, San Antonio, Texas, Electrical Engineering Intern
Glendale Recreation Association, Newport News, Virginia, Assistant Manager
JP Morgan Chase & Co., San Francisco, California, Investment Banking Summer Analyst
Millennium, El Segundo, California, PCB and Harness Designer
The Mathworks, Natick, Massachusetts, Software Engineering Intern

Materials Science and Engineering
TIC Gums, White Marsh, Maryland, Project Management Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Mechanical Engineering and Applied Mechanics
Camp Airy, Thurmont, Maryland, Assistant Unit Leader
Camp Wicosuta, Hebron, New Hampshire, Camp Counselor
Gemini Bakery Equipment Company, Philadelphia, Pennsylvania, Engineering Intern
Gigamon, Santa Clara, California, Manufacturing Operations Intern
Gridless Power, Collingswood, New Jersey, Summer Intern
Quantum Theatre, Pittsburgh, Pennsylvania, Production Intern
Ryder System Inc., Miami, Florida, Finance Intern
SharkNinja, Needham, Massachusetts, Quality Engineer
Siemens AG, Berlin, Germany, Engineering Intern
University of Pennsylvania, GRASP Lab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, GRASP Lab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, ModLab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, ModLab, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Rehabilitation Robotics Laboratory, Perelman School of Medicine, Philadelphia, Pennsylvania, Research Assistant
Xometry, Gaithersburg, Maryland, Project Engineering Intern

Networked and Social Systems Engineering
Amazon, Cambridge, Massachusetts, Software Engineering Intern
Amazon, Seattle, Washington, Software Development Engineer Intern
Annaly Capital Management, New York, New York, Financial Services Intern
Capital One, New York, New York, Product Management and Analytics Intern
Consensys Systems, Brooklyn, New York, Blockchain Engineer Intern
Google, New York, New York, Software Engineering Intern
Pivotal, San Francisco, California, Software Engineering Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania, Residential Teaching Assistant
Systems Science and Engineering  
Amdocs, Tel Aviv, Israel, Corporate Strategy Analyst  
Bluestone Capital Management, Wayne, Pennsylvania, Summer Analyst  
City of Santa Monica, Santa Monica, California, Civil Engineering Intern  
Google – YouTube, San Bruno, California, Engineering Practicum Intern  
INET, Bangkok, Thailand, Summer Intern  
Lockheed Martin, King of Prussia, Pennsylvania, Mission Optimization Intern  
Lockheed Martin, King of Prussia, Pennsylvania, Systems Engineering Intern  
New Wave Loans, Miami, Florida, Summer Intern  
Office of Naval Research, Philadelphia, Pennsylvania, Naval Research Intern  
PwC, Managua, Nicaragua, Assurance Intern  
University of Pennsylvania, Philadelphia, Pennsylvania, Research Intern  

ENGINEERING CANDIDATES WITH SECOND MAJORS  

Computer Science & Economics  
JPMorgan Chase & Co., Wilmington, Delaware, Software Engineering Intern - Technology Analyst Program  

Computer Science & Mathematics  
The Alan Turing Institute, London, England, Research Assistant  

Computer Science & Statistics  
Bentley Systems, Philadelphia, Pennsylvania, Software Engineering Intern  

Systems Science and Engineering & Economics  
Barclays, New York, New York, Summer Analyst  

ENGINEERING DUAL DEGREE CANDIDATES  

SUBMATRICULANTS  

Applied Science – Computer Science & Robotics (MSE)  
Federal Reserve Bank of Cleveland, Cleveland, Ohio, Software Development Intern  

Bioengineering & Bioengineering (MSE)  
University of Pennsylvania, Auditory Research Lab, Philadelphia, Pennsylvania, Research Assistant  

Computer Engineering & Robotics (MSE)  
University of Pennsylvania, Philadelphia, Pennsylvania, Rachleff Scholars Researcher  
Barrett Technology, Newton, Massachusetts, Software Engineering Intern  

Computer Science & Computer and Information Science (MSE)  
Bentley Systems, Philadelphia, Pennsylvania, Software Development Intern  

Computer Science/Logic Information and Computation & Computer and Information Science (MSE)  
Bentley Systems, Philadelphia, Pennsylvania, Software Development Intern  

Digital Media Design & Robotics (MSE)  
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
SUBMATRICULANTS (continued)

Materials Science and Engineering & Materials Science and Engineering (MSE)
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Mechanical Engineering and Applied Mechanics & Mechanical Engineering & Applied Mechanics (MSE)
NASA Goddard Space Flight Center, Greenbelt, Maryland, Attitude Controls Engineering Intern

Networked and Social Systems Engineering & Data Science (MSE)
Broadsoft, Gaithersburg, Maryland, Data Science Intern, Team Leader

Systems Science and Engineering & Data Science (MSE)
Matterport, Inc., San Francisco, California, International Initiatives Intern

ENGINEERING AND CAS DUAL DEGREE CANDIDATES

Applied Science - Computer & Cognitive Science
Google, Mountain View, California, Engineering Practicum Intern
Google, Mountain View, California, Engineering Practicum Intern

Chemical and Biomolecular Engineering & Chemistry
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Computer Science & Linguistics
Microsoft Corporation, Redmond, Washington, Explorer Intern
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Computer Science & Mathematics
National Security Agency, Fort Meade, Maryland, Director’s Summer Program Intern

Computer Science & Political Science
University of Pennsylvania, Digital Scholarship Program, Philadelphia, Pennsylvania, DevOps Intern

Electrical Engineering & Mathematics
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

Materials Science and Engineering & Physics
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant

ENGINEERING AND WHARTON DUAL DEGREE CANDIDATES*
[*Wharton concentrations were not necessarily declared when survey was conducted and have been omitted.]

Applied Science – Computer Science & Wharton
Balsam Brands, Redwood City, California, Business Development Analyst
Bank of America Merrill Lynch, Jersey City, New Jersey, Technology Analyst
Verizon, Philadelphia, Pennsylvania, Software Engineering Intern
Walmart Corporate Office, Mexico City, Mexico, U.S. Summer Internal Consultant
Bioengineering & Wharton
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania Health System, Philadelphia, Pennsylvania, Research Assistant

Computer Science & Wharton
Arena Investors LP, New York, New York, Corporate Private Credit Intern
Coca Cola, Atlanta, Georgia, Platform Innovation Intern
Edelweiss Group, Mumbai, India, Quantitative Summer Analyst
Google, New York, New York, Technical Solutions Consultant
Innogy, Essen, Germany, Data Engineering Intern
KNB, Kuala Lumpur, Malaysia, Intern
Palantir, New York, New York, Forward Deployed Engineer Intern
PayPal, San Jose, California, Intern
Riskval Financial Solutions, New York, New York, Quantitative Developer
Siemens, Charlotte, North Carolina, Summer Software Engineering Intern
SurveyMonkey, San Mateo, California, Quality Assurance Engineering Intern
Tavour, Seattle, Washington, End-to-End Product Developer
Tourbillon Capital Partners, New York, New York, Summer Analyst
University of Pennsylvania, Philadelphia, Pennsylvania, Research Assistant
Wayfair, Boston, Massachusetts, Business Intelligence Intern
Welab Holdings, Hong Kong, China, Growth Intern
Whitman Insight Strategies, New York, New York, Intern
Yelp, Inc., San Francisco, California, Product Manager
Xignite, San Mateo, California, Software Development Intern

Computer Engineering & Wharton
Law Office of Inna Fershteyn, P.C., New York, New York, Marketing and Business Development Manager

Digital Media Design & Wharton
Google, Shanghai, China, Engineering Practicum Intern

Electrical Engineering & Wharton
Arena, New York, New York, Structured Finance Analyst
Facebook, Menlo Park, California, Data Analytics Intern
LiquidHub, Wayne, Pennsylvania, Business Strategy Intern

Mechanical Engineering and Applied Mechanics & Wharton
General Electric, Schenectady, New York, Performance Optimization Intern
Google, Mountain View, California, Mechanical Engineering Intern
Lazard, Panama City, Panama, U.S. Financial Advisory Intern
Merlin Solar, San Jose, California, Product Development Engineer
Sailo, New York, New York, Intern
Wazer, Shenzhen, China, Product Engineer

Systems Science and Engineering & Wharton
CB Insights, New York, New York, Research Analyst Intern
GlendonTodd Capital, Dallas, Texas, Summer Analyst
InterSystems Corporation, Cambridge, Massachusetts, Software Development Intern
Systems Science and Engineering & Wharton (continued)
NEU Retail LLC, Philadelphia, Pennsylvania, Operations Intern
P. Schoenfeld Asset Management, New York, New York, Summer Analyst
PwC, Amman, Jordan, Data Analyst
SUMMER 2017 SURVEY OF RISING SOPHOMORES—CLASS OF 2020

OVERVIEW

Career Services surveys students at the end of each summer, seeking information about their summer activities. Students in the Class of 2020 were “rising sophomores” during Summer 2017, and 207 (45%) of 455 students completed this survey. Rising sophomores may engage in a range of summer activities: taking courses at Penn, volunteering; interning in a paid or unpaid, full-time or part-time position; traveling; engaging in research on one’s own or at Penn or another institution; externing or job shadowing; or any combination of summer activities.

For the class of 2020, 71% of the respondents shared information about work experiences (summer job, internship, research, volunteer work, externship)—both full-time and part-time.

Prepared by Tiffany Franklin, Associate Director
April 2018

SUMMER 2017 PRIMARY ACTIVITY
(as reported by 207 students)

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Work Experiences - Hours and Wages ..........page 2
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Date Summer Offer Was Received ...................page 2
Employers with Most Offers Accepted ..............page 3
Location of Summer Positions .......................page 3
International Experiences ..............................page 3
Summer Positions Reported by Industry ..........page 4
Summer Positions Reported by Major .............page 4
WORK EXPERIENCES—HOURS AND WAGES IN SUMMER 2017

<table>
<thead>
<tr>
<th></th>
<th>Full-Time Employment</th>
<th>Part-Time Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Respondents</td>
<td>104</td>
<td>15</td>
</tr>
<tr>
<td>Unpaid Position</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Paid Position</td>
<td>98</td>
<td>15</td>
</tr>
<tr>
<td>Reported salary</td>
<td>75</td>
<td>13</td>
</tr>
<tr>
<td>Average Monthly Salary</td>
<td>$2,605</td>
<td>$920</td>
</tr>
<tr>
<td>Monthly Salary Range</td>
<td>$720 - $8,000</td>
<td>$200–$1,600</td>
</tr>
<tr>
<td>Average Hours per Week</td>
<td>42</td>
<td>19</td>
</tr>
<tr>
<td>Range of Hours per Week</td>
<td>30–100</td>
<td>7–28</td>
</tr>
</tbody>
</table>

HOW STUDENTS OBTAINED SUMMER POSITIONS IN 2017
(as reported by 146 students)

AGGREGATE PERCENTAGE OF RESPONDENTS RECEIVING INTERNSHIP OFFERS, BY MONTH
EMPLOYERS WITH MOST OFFERS ACCEPTED IN SUMMER 2017
(includes full-time and part-time positions; as reported by 146 students)

<table>
<thead>
<tr>
<th>Employer</th>
<th>Offers</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>45</td>
</tr>
<tr>
<td>University of Pennsylvania Health System</td>
<td>4</td>
</tr>
<tr>
<td>Capital One, Facebook, Google, US Air Force Research Laboratory</td>
<td>2</td>
</tr>
</tbody>
</table>

LOCATION OF SUMMER POSITIONS IN 2017

The majority of the students were in the Mid-Atlantic region, which includes Pennsylvania, New Jersey, and New York. The states with the highest number of summer positions include:

- Pennsylvania ......................45%
- California ........................10%
- New York ............................8%
- New Jersey ..........................5%
- Massachusetts .....................5%
- Virginia ............................3%
- Florida ..............................1%
- Ohio ................................1%
- Washington .........................1%
- Non U.S. ................................15%
- All others ..........................6%

INTERNATIONAL EXPERIENCES IN SUMMER 2017
(as reported by 34 students)

- Worked overseas .......................62%
- Traveled overseas .....................38%
SUMMER POSITIONS BY INDUSTRY IN 2017

SUMMER POSITIONS REPORTED BY MAJOR IN 2017
(includes all respondents—full-time and part-time; paid and unpaid)

ENGINEERING DEGREE

**Applied Science – Biomedical Science**
Children's Hospital of Philadelphia, Philadelphia, Pennsylvania - Research Assistant

**Applied Science – Computer Science**
Flynn O'Hara Uniforms, Philadelphia, Pennsylvania - Warehouse Employee
Servco Pacific Inc., Honolulu, Hawaii - Software Intern
Applied Science – Cognitive and Computer Science
Chipotle, New York, New York – Associate
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant

Bioengineering
Camp Ramah, Conover, Wisconsin - Camp Counselor
Camp Ramah in the Poconos, Lakewood, Pennsylvania - Senior Counselor
Howard County Library System, Laurel, Maryland - STEM Instructor Assistant
Raytheon, Andover, Massachusetts - Patriot Maintenance Engineering Intern
Regeneron Pharmaceuticals, Inc., Tarrytown, New York - Intern
Signature Desserts, Pittsburgh, Pennsylvania - Bakery Assistant
Strem Chemicals, Newburyport, Massachusetts - Shipper 1
The Wistar Institute, Philadelphia, Pennsylvania- Research Assistant
University of California, San Francisco, California - Research Assistant
University of Pennsylvania, Cullen Lab, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Hammer Lab, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, PURM, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania Perelman School of Medicine, Wolf Lab, Philadelphia, Pennsylvania - Research Assistant
University of Pittsburgh Camp BioE, Pittsburgh, Pennsylvania - Camp Manager

Chemical and Biomolecular Engineering
Bristol Myers-Squibb, Devens, Massachusetts - Methods Development Intern
miniPCR, Cambridge, Massachusetts - Intern
Tata Chemicals, Mithapur, India - Intern
University of Canterbury, Christchurch, New Zealand - Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania Law School, Philadelphia, Pennsylvania - Research Assistant

Computer Engineering
Italiaonline, Milan, Italy - Software Developer
U.S. Air Force Research Laboratory, Rome, New York - Intern
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant

Computer Science
Abbott Healthcare Private Limited, Mumbai, India - BRM Intern
Asio Security, Cambridge, Massachusetts - Director of Offensive Technologies
Axonize, Tel Aviv, Israel - Front End Software Engineer Intern
DigiValet, Indore, India - Summer Intern
Facebook, Menlo Park, California - Software Engineer, Intern
Facebook, Seattle, Washington - Facebook University Engineering Intern
FX Laboratory, Palo Alto, California - Academic Intern
Google Summer of Code, Mountain View, California - Participant for Elm Software Foundation
iD Tech Camps, Campbell, California - Instructor
Intersystems Corporation, Cambridge, Massachusetts - Product Support Intern
McKinsey & Company, Shanghai, China - Research Analyst Intern
Computer Science (continued)
MedCo Data, LLC, Tampa, Florida - Developer
NASA - Hampton, Virginia - Software Engineering Intern
Silver Lake, Cupertino, California - Intern, Finance
U.S. Air Force Research Laboratory, Dayton, Ohio - Summer Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Computer Vision Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Firmware, Electronics, Software Developer
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania - Residential Teaching Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania - Residential Teaching Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania - Residential Teaching Assistant
University of Pennsylvania, GRASP Lab, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Linguistics Data Consortium, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, The Wharton School, Philadelphia, Pennsylvania - Data Research Assistant

Digital Media Design
Daniel and Davis Optometry, San Diego, California - Ophthalmic Technician
GEI Consultants, Inc., Rancho Cordova, California - Web Design Intern
Mega Cat Studios, Pittsburgh, Pennsylvania - Freelance Artist
Universal Phoenix Group LLC, Atlanta, Georgia - 2D Artist/Animator

Electrical Engineering
Camp Echo Lake, Warrensburg, New York - Cabin Specialist
Davies Projects for Peace, New York, New York - Deputy Chairperson
Engineers Without Borders Israel, Tel Aviv, Israel - Electrical Engineering Intern
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant

Materials Science and Engineering
University of Pennsylvania, Philadelphia, Pennsylvania - Chemistry Business Office Work-Study
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant

Mechanical Engineering and Applied Mechanics
Brooks Instrument, Hatfield, Pennsylvania - Test Engineering Intern
Converse, Inc., Blackwood, New Jersey - Store Associate
Della Adventure, Mumbai, India - Intern, Job shadow
Green Cuisine Restaurant, Stone Harbor, New Jersey - Waitress
Rastelli Market, Marlton, New Jersey - Cashier
Sensata, Sofia, Bulgaria - Process Engineering Intern
Mechanical Engineering and Applied Mechanics (continued)
Sensors Unlimited, Princeton, New Jersey - Mechanical Engineering Intern
The Crumpet Shop, Seattle, Washington - Front of House Staff
UCLA, Los Angeles, California - Research Intern
University of Pennsylvania, AddLab, Philadelphia, Pennsylvania - 3D Print Operator
University of Pennsylvania Facilities and Real Estate Services, Philadelphia, Pennsylvania - Summer
Turn-Around Locust Area Intern
University of Pennsylvania, Perelman School of Medicine, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania - Residential Advisor and Teaching Assistant

Networked and Social Systems Engineering
China Unicom, Shanghai, China - Summer Intern Software Engineer
Infervision, Beijing, China - Deep Learning Research Assistant Intern
Light, Bedminster, New Jersey - Firmware Engineer
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania - Residential Advisor and Teaching Assistant
University of Pennsylvania, Engineering Summer Academy, Philadelphia, Pennsylvania - Residential Advisor and Teaching Assistant

Systems Science and Engineering
Gauze, Philadelphia, Pennsylvania - International Research Intern
Heisenbooks, Yardley, Pennsylvania - Shift Manager
Woolbright Development, Boca Raton, Florida - Project Management Intern

ENGINEERING CANDIDATES WITH SECOND MAJORSHs

Electrical Engineering & Mathematics
Daugherty Business Solutions, St. Louis, Missouri - Software Engineering Intern

Materials Science and Engineering & Physics
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant

Computer Science & Cognitive Science
Google, Los Angeles, California - Engineering Practicum Intern

Computer Science & Economics
Geisinger Medical Center, Danville, Pennsylvania - Research Intern

ENGINEERING AND CAS DUAL DEGREE CANDIDATES

Computer Science & Economics
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant
Electrical Engineering & Chemistry
University of Pennsylvania, Philadelphia, Pennsylvania - Research Assistant

Mechanical Engineering and Applied Mechanics & Political Science
United States Navy, San Diego, California - Midshipman

ENGINEERING AND WHARTON DUAL DEGREE CANDIDATES
[Wharton concentrations were not necessarily declared when the survey was conducted and so have been omitted.]

Bioengineering & Wharton
Acorda Therapeutics, Ardsley, New York - Intern
Group K Diagnostics, Philadelphia, Pennsylvania - Product Manager Intern, Microfluidics
TesoRx Pharma LLC, Pomona, California - Summer Business Analyst

Computer Science & Wharton
Ampd Energy, Hong Kong, China - Electrical Engineering Intern
Bombay Gas Co. Limited, Mumbai, India - Intern
Breezio, Rockville, Maryland - Marketing Intern
Capital One, McLean, Virginia - Business Analyst Intern
Capital One, McLean, Virginia - Product Management & Analytics Intern
Commvault Systems, Inc., Tinton Falls, New Jersey - Software Development Intern
Council of Fashion Designers of America, New York, New York - Consultant
Grant Thornton, Shanghai, China - Intern
Honey, Los Angeles, California - Software Engineering Intern
Julian Krinsky Camps & Programs - King of Prussia, Pennsylvania - Head Residential Teaching Assistant
Nobilis, Reston, Virginia - Software Developer Intern
Posse Productions, New York, New York - Product Management Intern
Prudential Corporation Asia, Eastspring Asset Management, Seoul, Korea - Fixed Income Team Intern
University of Pennsylvania, Computational Neuroscience, Philadelphia, Pennsylvania - Research Intern
University of Pennsylvania, GRASP Lab, Philadelphia, Pennsylvania - Research Assistant
University of Pennsylvania Health System, Philadelphia, Pennsylvania - Research Assistant
Vayyar Imaging, Yehud, Israel - Software Engineer
Walmart Global E-Commerce, Sunnyvale, California - Software Engineering Intern

Electrical Engineering & Wharton
Annaly Capital Management, New York, New York - Agency MBS Strategy Intern
Gridless Power, Collingswood, New Jersey - Software Development Intern
University of Pennsylvania, Institute for Bioinformatics, Philadelphia, Pennsylvania - Intern

Materials Science and Engineering & Wharton
ThinkEco Inc., New York, New York - Program Management Intern

Mechanical Engineering and Applied Mechanics & Wharton
Nanyang Technological University, Singapore - Research Assistant
Narmi, New York, New York - Business Analyst
Steppingstone Scholars, Inc., Philadelphia, Pennsylvania - Teaching Assistant
University of Pennsylvania, James Aguirre Lab, Philadelphia, Pennsylvania - Research Assistant

Summer 2017 Survey of Rising Sophomores (Class of 2020)
**Mechanical Engineering and Applied Mechanics & Wharton (continued)**
University of Pennsylvania, Management and Technology Summer Institute, Philadelphia, Pennsylvania - Residential and Teaching Assistant

**Networked and Social Systems Engineering & Wharton**
Canada Pension Plan Investment Board, Toronto, Canada - Intern Analyst

**Systems Science and Engineering & Wharton**
CB Insights, New York, New York - Tech Industry Analyst Intern
Kaizen Learning Center, Exton, Pennsylvania - Tutor