OVERVIEW
Each year Career Services surveys the Penn Engineering students to gather information about their summer work experience. Students scheduled to graduate in August 2016, December 2016 and May 2017 are included in this analysis. Career Services contacted each student by email list-serv in August 2016 requesting that they complete the on-line survey. In October 2016, the Academic Programs Office of the School of Engineering and Applied Science sent the survey again to all applicable students. In December 2016 and January 2017, 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, PennLink and review of LinkedIn profiles. Information was collected for 402 students of the 436 eligible in the Class of 2017. This combination of data resulted in a 92.2% response 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 289 students reporting the date they accepted their internship offer, 96% accepted by the end of May 2016. Since 2011, 95 – 96% of the students had their internships by the end of May.

SUMMER 2016 PRIMARY ACTIVITY

- Employed, Full-Time: 88%
- Employed, Part-Time: 3%
- Travel: 1%
- Classes: 3%
- Research: 2%
- Employed, Status Unknown: 2%
- Other: 1%
- Studied on Own: <1%

$5,083
Average Monthly Salary

7.6%
Increase from previous year
Total # of Student Responses: 402
Total # of Students in Class: 436
% of Respondents: 92.2%

Total # of Students Employed Full or Part-Time = 367
(Students employed but full or part-time status unknown = 7)

<table>
<thead>
<tr>
<th>Full Time Employed</th>
<th>Part-Time Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Respondents 353 (Paid and Unpaid)</td>
<td>Number of Respondents 14 (Paid and Unpaid)</td>
</tr>
<tr>
<td># Reporting Salary* 260</td>
<td># Reporting Salary* 5</td>
</tr>
<tr>
<td>Average Month Salary $5,083</td>
<td>Average Monthly Salary $1,320</td>
</tr>
<tr>
<td>Range: $630 – 25,000</td>
<td>Range: $800 – 2,000</td>
</tr>
<tr>
<td>*Non-stipend</td>
<td>*Non-stipend</td>
</tr>
</tbody>
</table>

<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>177</td>
<td>$4,593</td>
<td>$630 – 11,000</td>
</tr>
<tr>
<td>Engineering/MSE Engineering</td>
<td>28</td>
<td>$4,811</td>
<td>$1,200 – 10,000</td>
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<td>Engineering/College</td>
<td>4</td>
<td>$2,638</td>
<td>$2,000 – 8,400</td>
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<td>Engineering/Wharton</td>
<td>51</td>
<td>$6,983</td>
<td>$2,400 – 25,000</td>
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HOW RESPONDENTS RECEIVED THEIR INTERNSHIPS

311 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>Applied Science</td>
<td></td>
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<td></td>
<td></td>
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<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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<td>Cognitive Science</td>
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<td>*</td>
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<td>Computer Science</td>
<td>18</td>
<td>$7,210</td>
<td>$6,500</td>
<td>$2,100 - $25,000</td>
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<tr>
<td>Individualized</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Bachelor of Science in Engineering</td>
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<td></td>
<td></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>
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<td>Chemical &amp; Biomolecular Engineering</td>
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<td>$4,005</td>
<td>$3,680</td>
<td>$1,250 - $8,000</td>
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<td>Computer Engineering</td>
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<td>$5,896</td>
<td>$6,880</td>
<td>$1,800 - $8,000</td>
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<td>Computer Science</td>
<td>72</td>
<td>$6,232</td>
<td>$6,152</td>
<td>$1,560 - $11,000</td>
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<td>Digital Media Design</td>
<td>10</td>
<td>$5,553</td>
<td>$6,360</td>
<td>$2,100 - $8,000</td>
</tr>
<tr>
<td>Electrical Engineering</td>
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<td>$5,049</td>
<td>$5,060</td>
<td>$2,000 - $8,000</td>
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<tr>
<td>Materials Science &amp; Engineering</td>
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<td>$2,879</td>
<td>$2,250</td>
<td>$1,350 - $7,083</td>
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<tr>
<td>Mechanical Engineering &amp; Applied Science</td>
<td>46</td>
<td>$3,900</td>
<td>$3,550</td>
<td>$630 - $20,000</td>
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<tr>
<td>Networked &amp; Social Systems Engineering</td>
<td>6</td>
<td>$5,536</td>
<td>$5,900</td>
<td>$800 - $10,400</td>
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<tr>
<td>Systems Science &amp; Engineering</td>
<td>22</td>
<td>$5,301</td>
<td>$5,580</td>
<td>$1,000 - $11,000</td>
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</tbody>
</table>

*Single salaries 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)
<table>
<thead>
<tr>
<th>Job Type</th>
<th># of Responses</th>
<th>Avg Monthly Salary</th>
<th>Median Monthly Salary</th>
<th>Max Monthly Salary</th>
<th>Min Monthly Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting</td>
<td>13</td>
<td>$4,537</td>
<td>$4,000</td>
<td>$7,800</td>
<td>$1,500</td>
</tr>
<tr>
<td>Management/Strategy</td>
<td>8</td>
<td>$4,531</td>
<td>$4,500</td>
<td>$7,000</td>
<td>$1,500</td>
</tr>
<tr>
<td>Research</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical/Information Systems</td>
<td>3</td>
<td>$5,153</td>
<td>$5,160</td>
<td>$7,800</td>
<td>$2,500</td>
</tr>
<tr>
<td>Education</td>
<td>7</td>
<td>$2,207</td>
<td>$2,200</td>
<td>$3,250</td>
<td>$1,560</td>
</tr>
<tr>
<td>Research</td>
<td>5</td>
<td>$1,992</td>
<td>$2,000</td>
<td>$2,600</td>
<td>$1,560</td>
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<tr>
<td>Teaching</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Testing/Evaluation</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Engineering</td>
<td>77</td>
<td>$3,914</td>
<td>$3,600</td>
<td>$10,400</td>
<td>$630</td>
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<tr>
<td>Construction</td>
<td>1</td>
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<td>Design</td>
<td>17</td>
<td>$3,250</td>
<td>$3,600</td>
<td>$7,100</td>
<td>$630</td>
</tr>
<tr>
<td>Manufacturing/Production</td>
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<td>$3,630</td>
<td>$3,520</td>
<td>$5,000</td>
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<tr>
<td>Project Management</td>
<td>8</td>
<td>$4,671</td>
<td>$3,750</td>
<td>$9,000</td>
<td>$3,040</td>
</tr>
<tr>
<td>Quality Assurance</td>
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<td>$3,200</td>
<td>$2,900</td>
<td>$5,000</td>
<td>$1,500</td>
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<td>Research and Development</td>
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<td>$3,821</td>
<td>$3,200</td>
<td>$7,000</td>
<td>$1,500</td>
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<td>Systems</td>
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<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Testing</td>
<td>6</td>
<td>$4,433</td>
<td>$4,250</td>
<td>$7,300</td>
<td>$2,560</td>
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<tr>
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<td>33</td>
<td>$6,999</td>
<td>$7,000</td>
<td>$25,000</td>
<td>$1,000</td>
</tr>
<tr>
<td>Financial Planning and Analysis</td>
<td>6</td>
<td>$3,553</td>
<td>$3,100</td>
<td>$5,000</td>
<td>$2,400</td>
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<tr>
<td>Investment Banking Analysis</td>
<td>14</td>
<td>$9,740</td>
<td>$7,541</td>
<td>$25,000</td>
<td>$1,634</td>
</tr>
<tr>
<td>Investment Management/Counsel</td>
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<td>$3,975</td>
<td>$3,950</td>
<td>$7,000</td>
<td>$1,000</td>
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<tr>
<td>Risk Management</td>
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<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>Securities Research Analyst</td>
<td>5</td>
<td>$7,480</td>
<td>$7,000</td>
<td>$11,000</td>
<td>$2,400</td>
</tr>
<tr>
<td>Trading</td>
<td>3</td>
<td>$5,666</td>
<td>$6,000</td>
<td>$8,000</td>
<td>$3,000</td>
</tr>
<tr>
<td>Information Technology</td>
<td>109</td>
<td>$6,211</td>
<td>$6,400</td>
<td>$11,000</td>
<td>$800</td>
</tr>
<tr>
<td>Data Analyst/Administrator</td>
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<td>$4,374</td>
<td>$2,720</td>
<td>$8,700</td>
<td>$1,600</td>
</tr>
<tr>
<td>Product Designer</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Program Manager</td>
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<td>$7,088</td>
<td>$7,000</td>
<td>$11,000</td>
<td>$5,200</td>
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<tr>
<td>Software Developer/Engineer</td>
<td>73</td>
<td>$6,443</td>
<td>$6,500</td>
<td>$10,000</td>
<td>$800</td>
</tr>
<tr>
<td>Systems Engineer / Analyst</td>
<td>3</td>
<td>$5,250</td>
<td>$4,050</td>
<td>$8,500</td>
<td>$3,200</td>
</tr>
<tr>
<td>Technical Analyst</td>
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<td>$6,142</td>
<td>$6,000</td>
<td>$7,083</td>
<td>$5,000</td>
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<tr>
<td>Technical Support Specialist</td>
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<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Web Designer/Analyst</td>
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<td>$4,267</td>
<td>$4,000</td>
<td>$7,700</td>
<td>$2,000</td>
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<tr>
<td>Management</td>
<td>3</td>
<td>$3,173</td>
<td>$3,520</td>
<td>$4,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>General Management/Operations</td>
<td>3</td>
<td>$3,173</td>
<td>$3,520</td>
<td>$4,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>Other Types</td>
<td>5</td>
<td>$3,130</td>
<td>$3,600</td>
<td>$4,000</td>
<td>$1,350</td>
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<tr>
<td>Scientific Research</td>
<td>13</td>
<td>$1,946</td>
<td>$1,600</td>
<td>$5,000</td>
<td>$1,200</td>
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<tr>
<td>Chemistry</td>
<td>1</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Biology/Biochemistry</td>
<td>5</td>
<td>$1,651</td>
<td>$1,260</td>
<td>$3,240</td>
<td>$1,200</td>
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<tr>
<td>Biomedical</td>
<td>7</td>
<td>$2,150</td>
<td>$1,840</td>
<td>$5,000</td>
<td>$1,200</td>
</tr>
</tbody>
</table>

*Single salaries / salary ranges of two respondents not reported.*
EMPLOYED RESPONDENTS BY INDUSTRY

Includes both Full-time and Part-time Internships/Surveys With and Without Salaries
### SALARY BY INDUSTRY – Full-Time Employed

<table>
<thead>
<tr>
<th>Industry</th>
<th># of Respondents</th>
<th>Average Salary</th>
<th>Median Monthly Salary</th>
<th>Max Monthly Salary</th>
<th>Min Monthly Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Media/Entertainment</td>
<td>4</td>
<td>$ 3,530</td>
<td>$ 4,000</td>
<td>$ 4,320</td>
<td>$ 1,800</td>
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<td>Advertising/Public Relations</td>
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<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
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<td>Consulting</td>
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<td>$ 4,707</td>
<td>$ 4,500</td>
<td>$ 7,800</td>
<td>$ 1,500</td>
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<td>Education</td>
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<td></td>
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<tr>
<td>Higher Education</td>
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<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Research Labs/Centers - Higher Education</td>
<td>24</td>
<td>$ 2,065</td>
<td>$ 1,920</td>
<td>$ 5,000</td>
<td>$ 1,200</td>
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<tr>
<td>Energy/Natural Resources/Utilities</td>
<td>8</td>
<td>$ 4,168</td>
<td>$ 3,689</td>
<td>$ 7,100</td>
<td>$ 1,500</td>
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<tr>
<td>Financial Services</td>
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<tr>
<td>Diversified Financial Services</td>
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<td>$ 4,550</td>
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<td>$ 5,000</td>
<td>$ 3,200</td>
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<tr>
<td>Hedge Fund</td>
<td>10</td>
<td>$ 8,710</td>
<td>$ 8,850</td>
<td>$ 11,000</td>
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<tr>
<td>Investment Banking/Brokerage</td>
<td>31</td>
<td>$ 7,927</td>
<td>$ 7,000</td>
<td>$ 25,000</td>
<td>$ 1,634</td>
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<td>$ 4,514</td>
<td>$ 3,200</td>
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<td>$ 1,000</td>
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<tr>
<td>Other Finance</td>
<td>3</td>
<td>$ 4,966</td>
<td>$ 6,400</td>
<td>$ 6,500</td>
<td>$ 2,000</td>
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<tr>
<td>Government</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Federal Government</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
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<td>Intergovernmental Organization</td>
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<td>$ 2,663</td>
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<tr>
<td>Healthcare</td>
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<td>$ 1,590</td>
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<td>$ 1,200</td>
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<td>Manufacturing</td>
<td></td>
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</tr>
<tr>
<td>Aerospace</td>
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<td>$ 4,598</td>
<td>$ 4,500</td>
<td>$ 6,000</td>
<td>$ 3,392</td>
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<td>Automotive</td>
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<td>$ 3,000</td>
<td>$ 3,000</td>
<td>$ 3,600</td>
<td>$ 2,400</td>
</tr>
<tr>
<td>Biomedical Products/Pharmaceuticals</td>
<td>19</td>
<td>$ 3,597</td>
<td>$ 3,200</td>
<td>$ 6,666</td>
<td>$ 1,400</td>
</tr>
<tr>
<td>Chemicals/Gases</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</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</td>
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<td>$ 3,592</td>
<td>$ 3,560</td>
<td>$ 6,480</td>
<td>$ 2,000</td>
</tr>
<tr>
<td>Electronics/Robotics</td>
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<td>$ 3,841</td>
<td>$ 3,824</td>
<td>$ 4,500</td>
<td>$ 3,200</td>
</tr>
<tr>
<td>Industry</td>
<td>Count</td>
<td>Low</td>
<td>Middle</td>
<td>High</td>
<td>Total</td>
</tr>
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<td>---------------------------</td>
<td>-------</td>
<td>-----</td>
<td>--------</td>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>Other Manufacturing</td>
<td>5</td>
<td>$3,414</td>
<td>$3,500</td>
<td>$4,250</td>
<td>$2,560</td>
</tr>
<tr>
<td>Real Estate/Construction</td>
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<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Retail/Wholesale</td>
<td>3</td>
<td>$3,566</td>
<td>$2,600</td>
<td>$5,200</td>
<td>$2,000</td>
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<td>Technology</td>
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<td>$6,068</td>
<td>$6,153</td>
<td>$11,000</td>
<td>$630</td>
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<td>Transportation</td>
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<td>$4,990</td>
<td>$5,000</td>
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<tr>
<td>Other</td>
<td>5</td>
<td>$3,560</td>
<td>$3,100</td>
<td>$6,000</td>
<td>$2,200</td>
</tr>
</tbody>
</table>

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

**LOCATIONS OF INTERNSHIPS**

[Map of the United States showing internships by location]

[Map of the world showing internships by location]

Australia (1)  
Germany (1)  
China (3)  
India (2)  
Israel (2)  
Italy (1)  
Japan (1)  
Jordan (1)  
Spain (1)  
United Kingdom (3)
DATE RECEIVED OFFER

289 students reported the date they received the offer for the position they accepted.

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>34</td>
<td>University of Pennsylvania</td>
</tr>
<tr>
<td>13</td>
<td>Facebook</td>
</tr>
<tr>
<td>12</td>
<td>Goldman Sachs</td>
</tr>
<tr>
<td>11</td>
<td>Google</td>
</tr>
<tr>
<td>9</td>
<td>Apple</td>
</tr>
<tr>
<td>8</td>
<td>Amazon, Microsoft</td>
</tr>
<tr>
<td>7</td>
<td>Morgan Stanley</td>
</tr>
<tr>
<td>6</td>
<td>JPMorgan Chase &amp; Co.</td>
</tr>
<tr>
<td>4</td>
<td>Bridgewater Associates, Citadel LLC</td>
</tr>
<tr>
<td>3</td>
<td>athenahealth, Bloomberg L.P., Capital One, Credit Suisse, Deutsche Bank, Palantir Technologies, PwC, Tesla Motors</td>
</tr>
</tbody>
</table>
POSITIONS REPORTED BY MAJOR

All Respondents (Full-time, Part-time, Paid and Unpaid)

ENGINEERING DEGREES

Applied Science – Biomedical Science
- Course Hero, Philadelphia, PA, Knowledge Drive Intern
- EvergreenHealth, Canyon Park, WA, Volunteer
- Graphiq, Santa Barbara, CA, Product Management Intern
- QTX Systems, New York, NY, Financial Modeling Intern
- Science Workshop (IIP), Causeway Bay, Hong Kong, Intern/Facilitator

Applied Science – Computer & Cognitive Science
- Public Broadcasting Service, Arlington, VA, Children’s Programming & Development Intern

Applied Science – Computer Science
- Amazon Fulfillment Technologies, Seattle, WA, Software Development Intern
- Appboy, New York, NY, Customer Success Intern
- Blackrock, New York, NY, Summer Analyst
- Center for Autism Research, Philadelphia, PA, Data Assistant
- Citadel LLC, Chicago, IL, Software Engineering Intern
- Oak Hill Advisors, New York, NY, Summer Credit Analyst
- Tesla Motors, Fremont, CA, Intern

Applied Science – Individualized
- Wharton Angel Network, San Diego, CA, Summer Analyst

Bioengineering
- Alcresta Therapeutics, Newton, MA, Technical Operations Consultant
- Alnylam Pharmaceuticals, Cambridge, MA, Biology Research Intern
- Aravind Eye Foundation, Puducherry, Non-US, Biomedical Engineering Intern
- Benchling, San Francisco, CA, Commercial Growth Intern
- CytoVas LLC, Philadelphia, PA, Intern
- Doggie Style, Washington, DC, Assistant Manager
- EquityZen, New York, NY, Product Management Summer Analyst
- GlaxoSmithKline, Rockville, MD, Engineering Intern
- GTRACK Technologies, Palo Alto, CA, Business Analyst
- Guggenheim Securities, New York, NY, Summer Analyst
- Harvey Cedars Borough, Harvey Cedars, NJ, Lifeguard
- Heidrick and Struggles, Boston, MA, Executive Search Intern
- Intertrust Technologies Corporation (Genecloud), Sunnyvale, CA, Software Engineering Intern
- National Institutes of Health, National Institute on Deafness and Other Communication Disorders, Bethesda, MD, Research Assistant
- Perelman School of Medicine, Philadelphia, PA, Student Researcher at the Undergraduate Summer Scholars Program
- Perelman School of Medicine, Rehabilitation Robotics Lab, Philadelphia, PA, Research Assistant
- Pfizer, Collegeville, PA, Compliance Coordinator
- PrecisionGx, Philadelphia, PA, Business Development Intern
- Quartet Health, New York, NY, Marketing Intern
- Regeneron Pharmaceuticals, Tarrytown, NY, Summer Intern
- Samumed, LLC, San Diego, CA, Summer Intern
- Second Sight Medical Products, Los Angeles, CA, Intern
Stryker, Mahwah, NJ, Product Support Engineering Intern
TalkIQ, San Francisco, CA, Data Science Intern
TowerView Health, Philadelphia, PA,
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Department of Bioengineering, Philadelphia, PA, Undergraduate Research Assistant
University of Pennsylvania - Haptics Group, Philadelphia, PA, Medical Robotics Engineering Intern
University of Pennsylvania - Penn Gene Targeting, Philadelphia, PA, Laboratory Technician
University of Pennsylvania Health System, Philadelphia, PA, Research assistant
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant
University of Rochester, Rochester, NY, Lab Technician
ZS Associates, Princeton, NJ, Associate Intern

**Chemical and Biomolecular Engineering**
Name of Company/Title not provided
Amgen Inc., West Greenwich, RI, Quality Risk Intern
Amway, Grand Rapids, MI, Manufacturing intern
AstraZeneca, Frederick, MD, Downstream Intern
CEPSA, Madrid, Non-US, Summer Analyst
Dow Chemical Company, Newark, DE, Manufacturing and Engineering Intern
Estée Lauder Companies, Melville, NY, Formulations Intern
Evonik, Birmingham, AL, Process Engineering Intern
GlaxoSmithKline, Warren, NJ, Intern
International Flavors and Fragrances, Union Beach, NJ, Intern
LifeCell, Branchburg, NJ, Operations Engineering Intern
MediFinish LLC/Medin Corp, Passaic/Totowa, NJ, Lab/Quality Control Assistant
Mitsubishi UFJ Financial Group, Inc. (MUFG), New York, NY, Summer Analyst
Navigant Consulting, New York, NY, Summer Associate
Pfizer, New York, NY, Regulatory Strategist Intern
Pharmacyclics, Sunnyvale, CA, Intern
Philadelphia Water Department, Philadelphia, PA, Intern Analyst
Prudential Financial, Newark, NJ, Portfolio Analysis Intern
Slick Chicks, New York, NY, Chief Marketing Officer
Smilow Center for Translational Research, Philadelphia, PA, Research Assistant

**Computer Engineering**
Bloomberg L.P., New York, NY, Software Engineering Intern
Bloomberg L.P., New York, NY, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineer
Microsoft, Redmond, WA, Program Manager
NPR (National Public Radio), Washington, DC, Summer Intern
REVL Capital Group, Philadelphia, PA, Quantitative Analyst
University of Pennsylvania - Kod*Lab, Philadelphia, PA, Researcher

**Computer Science**
Name of Company/Title not provided
1stdibs.com Inc., New York, NY, Front-end developer intern
Amazon, Seattle, WA, SDE Intern
Apple, Cupertino, CA, Software Engineering Intern
athenahealth, Austin, TX, Software Development Intern
Bridgewater Associates, Westport, CT, Technology Associate
Cadre, New York, NY, Summer Engineering Intern
CardConnect, King of Prussia, PA, Tech Intern
Cognitive Operational Systems, Philadelphia, PA, Software Intern
DocuSign, San Francisco, CA, Software Engineer
DocuSign, Seattle, WA, Software Engineering Intern
Facebook, New York, NY, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineer Intern
Facebook, Menlo Park, CA, Software Engineer
Facebook, Menlo Park, CA, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Golden Sachs, New York, NY, Tech FICC Summer Intern
Golden Sachs, New York, NY, Technology Summer Analyst
Google, New York, NY, Software Engineering Intern
Google, Mountain View, CA, Software Engineer Intern
Google, Mountain View, CA, Software Engineering Intern
Google, New York, NY, Software Engineering Intern
Google, New York, NY, Software Engineering Intern
Guardian Life Insurance, Bethlehem, PA, Web Developer Intern
Intel, Hillsboro, OR, Software Engineering Intern
Intuit, Mountain View, CA, Software Engineering Intern
Jet.com, Hoboken, NJ, Software Engineering Intern
JPMorgan Chase & Co., Newark, DE, Technology Analyst
JPMorgan Chase & Co., Jersey City, NJ, Technology Analyst
JPMorgan Chase & Co., New York, NY, Technology Analyst Program Intern
LinkedIn, Sunnyvale, CA, Software Engineering Intern
Lockheed Martin, King of Prussia, PA, Software Developer Intern
MathWorks, Natick, MA, Software Developer
Microsoft, New York, NY, Software Development Intern/Civic Tech Fellow
Microsoft, Seattle, WA, Program Manager
Microsoft, Redmond, WA, Intern
MIT Minority Introduction to Engineering and Science, Boston, MA, Teaching Assistant and Residential Advisor
Moven, Philadelphia, PA, Software Engineering Intern
Netsil, San Francisco, CA, Software Engineering Intern
Oracle, Redwood City, CA, Software Engineering Intern
Palantir Technologies, Palo Alto, CA, Forward Deployed Engineer Intern
Palantir Technologies, Washington, DC, Forward Deployed Software Engineer Intern
Pay. ly Technologies, Los Angeles, CA, Software Engineer
Raise.me, San Francisco, CA, Software Engineering Intern
Redfin Corporation, San Francisco, CA, Product Manager Intern
Ripple, San Francisco, CA, Software Development Intern
SpaceX, Hawthorne, CA, Enterprise Software Engineering Intern
Splat Inc., Philadelphia, PA, Web Development Intern
Stranger Studios, Reading, PA, Web Development Intern
Susquehanna International Group, Bala Cynwyd, PA, Technology Intern
Tapad, New York, NY, Software Engineering Intern
The Children’s Hospital of Philadelphia, Philadelphia, PA, Bioinformatics Intern
Twitch, Inc., San Francisco, CA, Software Engineering Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, GRASP Lab, Philadelphia, PA, Research Assistant
Wayfair, Boston, MA, Software Engineering Intern
We-Innovation, New York, NY, Jr. Chief Intelligence Officer, Freelance
WeWork, New York, NY, Software Engineering Intern
x.ai, New York, NY, Web Apps Intern

Digital Media Design
Amazon, Seattle, WA, Software Development Engineer Intern
Apple, Sunnyvale, CA, 3D Prototype Development Intern
Apple, Cupertino, CA, User Experience Intern
Apple, Cupertino, CA, Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Oculus Story Studio, San Francisco, CA, CG Generalist Intern
Penrose Studios, San Francisco, CA, Software Engineering Intern
Touch Surgery, London, Non-US, Engineering Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Department of Computer and Information Science, Philadelphia, PA, Research Assistant
University of Pennsylvania SIG Center for Computer Graphics, Philadelphia, PA, Research Assistant
USA Today/Gannett, New York, NY, Unity 3D Developer

Electrical Engineering
Brown Brothers Harriman & Co., New York, NY, Systems Engineering Intern
Evercore, New York, NY, private Funds Group Summer Analyst
Latch, New York, NY, Junior Electrical Engineer
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania Law School, Philadelphia, PA, Center for Technology, Innovation and Competition Research Fellow
West Agile Labs, San Francisco, CA, Project Manager

Materials Science and Engineering
Guardian Life Insurance, Philadelphia, PA, Technology Intern
Lawrence Berkeley National Laboratory, Berkeley, CA, Research Intern
Wabtec Corporation, Wilmerding, PA, Materials Engineer
Zane Benefits, Salt Lake City, UT, Demand Generation Intern

Mechanical Engineering and Applied Mechanics
Alliance Bernstein, Location not provided, Business Analyst Intern
Alloy Product Development, San Francisco, CA, Mechanical Engineering Intern
Amtrak, Philadelphia, PA, Intern Technical - 3 Years Completed
Applied Predictive Technologies, Arlington, VA, Quality Assurance Engineering Intern
Barrett Medical, Boston, MA, Mechanical Engineering Intern
Bessolo Design Group, St. Petersburg, FL, Mechanical Engineering Intern
Canary, New York, NY, Mechanical Engineering Intern
Capital One, McLean, VA, Business Analyst
Chromalloy, Orangeburg, NY, Engineering Intern
Comcast/NBCUniversal, Philadelphia, PA, Mechanical Engineer Intern
Credit Suisse, New York, NY, Analyst
Deutsche Bank, New York, NY, Summer Analyst
DIY, San Francisco, CA, Software Engineering Intern
Flex, Austin, TX, Mechanical Engineering Intern
Fortress Investment Group, Philadelphia, PA, Intern
GE Power, Schenectady, NY, Manufacturing Engineering Intern
Horizons School of Technology, Philadelphia, PA, Software Developer
IRobot, Bedford, MA, Mechanical engineering intern
Karma Mobility, Inc., New York, NY, Mechanical Design Engineer
L-3 Communication Systems, Camden, NJ, Mechanical Engineering Intern
Langan Engineering and Environmental Services, New York, NY, Summer Intern
Matchstick LLC, Boonton, NJ, Associate
McCormick & Company, Hunt Valley, MD, Sustainability Engineering Intern
MDA US Systems LLC, Pasadena, CA, Mechanical Engineering Intern
Momenee Inc., Bryn Mawr, PA, Summer Intern
Museum of Science and Industry, Chicago, Chicago, IL, Robot Specialist
National Transportation Safety Board, Washington, DC, Student Intern
Netronix Inc., Philadelphia, PA, Product Designer
Redwing Technologies, Fasano, Non-US, Intern
Reliance Industries Limited, Jamnagar, Non-US, Robotics Development Intern
Rex Medical Inc., Conshohocken, PA, Automation Intern
Schlumberger, Houston, TX, Mechanical Engineering Intern
Shoals Marine Laboratory, Appledore Island, ME, Sustainability Engineering Intern
Sikorsky Aircraft, Shelton, CT, Program Management Intern
Think Surgical, Fremont, CA, Mechanical engineering intern
United States Air Force, Arlington, VA, Intern
University of Nevada Las Vegas (UNLV), Las Vegas, NV,
University of Pennsylvania, Philadelphia, PA, Engineering Career Day Student Coordinator
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Robotics/ Mechanical Engineering and Applied Mechanics, Philadelphia, PA, Resident Teaching Assistant and Lab Coordinator
University of Pennsylvania, Complex Fluids Lab, Philadelphia, PA, Protyper
University of Pennsylvania, GRASP Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania, Modlab, Philadelphia, PA, Intern
Wessels Harvesting, Alma, NE, Title not provided

**Networked and Social Systems Engineering**

athenahealth, Boston, MA, Software Engineering Intern
Birthright Israel Excel, Herzliya, Israel, Business Analyst
Citadel LLC, Chicago, IL, Quantitative Strategies Intern
Suez Water Company, Toms River, NJ, Intern
Team8, Tel Aviv, Non-US, Business Analyst
Twine Labs, Philadelphia, PA, Algorithm Engineer

**Systems Science and Engineering**

Amazon, Seattle, WA, Engineer
Apple, Sunnyvale, CA, Project Management Intern
Arkema, Inc., King of Prussia, PA, Market Research Intern
Deutsche Bank, New York, NY, Investment Banking Summer Analyst
Ernst & Young, New York, NY, Technology Advisory Program
Google, Mountain View, CA, Associate Product Manager
GSVlabs, Redwood City, CA, Business Development & Digital Marketing Analyst
JPMorgan Chase & Co., New York, NY, Summer Technology Analyst
Lockheed Martin, Syracuse, NY, Software Engineering Intern
Penn Center for Innovation, Philadelphia, PA, Administrative Assistant
RBC Capital Markets, New York, NY, Summer Analyst
Red Bull, Santa Monica, CA, Distribution Strategy Intern
Renaissance Strategic Advisors, Washington, DC, Summer Analyst
Stripes Group, New York, NY, Summer Analyst
Thyssengas, Dortmund, Non-US, Strategic Planning and Corporate Development Intern (Ruhr Fellow)
Vanguard, Malvern, PA, College to Corporate Business Intern

**ENGINEERING DOUBLE MAJORS**

**Applied Science – Biomedical Science and Economics**  
PwC, New York, NY, Associate Intern

**Bioengineering and Computer Science**  
Amazon, Seattle, WA, Software Development Engineer Intern  
athenahealth, Watertown, MA, Intern  
Facebook, Menlo Park, CA, Software Engineer Intern  
Goldman Sachs, New York, NY, Technology Summer Analyst

**Bioengineering and Philosophy**  
University of Pennsylvania, Philadelphia, PA, Research Assistant

**Chemical & Biomolecular Engineering and Economics**  
ExxonMobil, Houston, TX, Analyst Intern

**Computer Engineering and East Asian Languages**  
Goldman Sachs, Jersey City, NJ, Technology Summer Analyst

**Computer Science and Criminology**  
Exelon, Philadelphia, PA, Intern

**Computer Science and Economics**  
Goldman Sachs, New York, NY, Summer Technology Analyst  
Uber Technologies Inc., San Francisco, CA, Software Engineer

**Computer Science and Mathematics**  
Bloomberg L.P., New York, NY, Software Engineering Intern  
Tapad, New York, NY, Software Engineering Intern

**Computer Science and Systems Science & Engineering**  
Microsoft, Redmond, WA, Program Manager Intern

**Digital Media and Economics**  
JPMorgan Chase & Co., New York, NY, Technology Analyst Intern

**Electrical Engineering and Computer Engineering**  
Intel, King of Prussia, PA, Embedded Software Intern

**Mechanical Engineering & Applied Mechanics and Economics**  
Sage Corps, Sydney, Australia, Consultant & Data Analytics Specialist

**Mechanical Engineering & Applied Mechanics and Electrical Engineering**  
University of Pennsylvania, Philadelphia, PA, Rapid Prototyping Lab Supervisor

**Mechanical Engineering & Applied Mechanics and Physics**  
Schaeffler Japan, Yokohama, Japan, Intern
Systems Science & Engineering and Economics
Comcast NBCUniversal, Philadelphia, PA, Data & Process Analyst Intern

ENGINEERING DUAL DEGREES (BAS/BSE & MSE)

Bioengineering (BSE) and Bioengineering (MSE)
BD, Franklin Lakes, NJ, Materials Science & Polymer Engineering Intern
Canon US Life Sciences, Rockville, MD, R&D Engineering Intern
Johnson & Johnson, Skillman, NJ, R&D Intern
Perelman School of Medicine, Philadelphia, PA, Research Assistant
Teva Pharmaceuticals, Location not disclosed, Biologics R&D Intern
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant

Chemical & Biomolecular Engineering (BSE) and Chemical & Biomolecular Engineering (MSE)
University of Pennsylvania, Philadelphia, PA, Laboratory Technician

Computer Engineering (BSE) and Computer & Information Science (MSE)
Facebook, Menlo Park, CA, Technical Program Manager
Microsoft, Cambridge, MA, Software Engineer Intern
Wealthfront, Redwood City, CA, Software Engineering Intern

Computer Engineering (BSE) and Robotics (MSE)
Intuitive Surgical, Sunnyvale, CA, Embedded Software Engineering Intern
Netsil, San Francisco, CA, Software Development Intern

Computer Science (BSE) and Computer & Information Science (MSE)
Capital One, McLean, VA, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Google, Irvine, CA, Software Engineering Intern
Morgan Stanley, New York, NY, Technology Analyst
Palantir Technologies, Washington, DC, Forward Deployed Software Engineer Intern
Qualtrics, Seattle, WA, Software Engineering Intern
Uber Technologies Inc., San Francisco, CA, Software Engineer Intern
University of Pennsylvania, Philadelphia, PA, Researcher
University of Pennsylvania, Philadelphia, PA, Research Assistant
JPMorgan Chase & Co., Newark, DE, Summer Technology Analyst

Digital Media Design (BSE) and Computer Graphics & Game Technology (MSE)
Goldman Sachs, New York, NY, Summer Tech Analyst

Digital Media Design (BSE) and Robotics (MSE)
Google, London, Non-US, Software Engineering Intern

Electrical Engineering (BSE) and Electrical Engineering (MSE)
NextEra Energy, Miami, FL, Summer College Intern

Electrical Engineering (BSE) and Robotics (MSE)
Intuitive Surgical, Sunnyvale, CA, Electrical Engineer Intern
Materials Science & Engineering (BSE) and Materials Science & Engineering (MSE)
Brookhaven National Laboratory, Upton, NY, Summer Collaborator

Mechanical Engineering & Applied Mechanics (BSE) and Mechanical Engineering & Applied Mechanics (MSE)
Alcoa, New Kensington, PA, Process Modeling Intern
Eaton Corporation, Cleveland, OH, Engineering & Technology Intern
Roche Tissue Diagnostics, Tucson, AZ, R&D Intern
Schlumberger, Houston, TX, New Product Development
United Nation’s Children’s Emergency Fund (UNICEF), Amman, Jordan, Knowledge Management Intern, WASH Section
University of Pennsylvania - MEAM, 3D Lab, Philadelphia, PA, Senior Additive Manufacturing Assistant, Research Coordinator
University of Pennsylvania, GRASP Lab, Philadelphia, PA, Research Assistant

Mechanical Engineering & Applied Mechanics (BSE) and Robotics (MSE)
Alta Motors, Brisbane, CA, Robotics Intern
Tesla Motors, Fremont, CA, New Product Introduction Engineer Intern
University of Pennsylvania, Philadelphia, PA, Additive Manufacturing Assistant
University of Pennsylvania, GRASP Lab, Philadelphia, PA, Research Assistant

Networked & Social Systems Engineering (BSE) and Computer & Information Science (MSE)
Audible, Newark, NJ, Software Development Engineer Intern
Google, New York, NY, Software Engineering Intern
Real Earth Inc., Pittsburgh, PA, Software Engineer

Systems Science & Engineering (BSE) and Systems Engineering (MSE)
AQR Capital Management, Greenwich, CT, Research Intern
Ernst & Young, New York, NY, Technology Advisory Program Intern

ENGINEERING and COLLEGE OF ARTS & SCIENCES DUAL DEGREES (BAS/BSE and BA)

Goldman Sachs, Jersey City, NJ, Technology Summer Analyst

Computer Science and Physics
Facebook, Menlo Park, CA, Software Engineering Intern

Electrical Engineering and Physics
Morgan Stanley, Hong Kong, Non-US, Summer Analyst, Fixed Income Division

Materials Science & Engineering and Physics
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Southern California, Los Angeles, CA, Visiting Research Scholar

Mechanical Engineering & Applied Mechanics and Earth Science
Northrop Grumman, El Segundo, CA, College Intern Technical

Mechanical Engineering & Applied Mechanics and Physics
Upside Travel, Washington, DC, Data Scientist
ENGINEERING and WHARTON DUAL DEGREES (BAS/BSE and BS)

Applied Science – Biomedical Science and Finance
Morgan Stanley, Los Angeles, CA, Mergers and Acquisitions Summer Analyst

Applied Science – Biomedical Science and Management/Marketing
McKinsey & Company, New York, NY, Summer Business Analyst

Applied Science – Biomedical Science and Management/Operations, Information and Decisions
ClearView Healthcare Partners, Boston, MA, Analyst

Applied Science – Computer Science and Finance
Apollo Global Management, New York, NY, Summer Analyst
Evercore, New York, NY, Summer Analyst
Goldman Sachs, New York, NY, Investment Banking Summer Analyst
Morgan Stanley, New York, NY, Investment Banking Summer Analyst
Morgan Stanley, New York, NY, Investment Banking Summer Analyst, Global Technology Group

Applied Science – Computer Science and Finance/Behavioral Economics
Ultra Capital LLC, San Francisco, CA, Intern

Applied Science – Computer Science and Finance/Management
Apple, Cupertino, CA, Engineering Program Management
Apple, Cupertino, CA, Engineering Program Management Intern
Bridgewater Associates, Stamford, CT, Technological Associate Intern
Goldman Sachs, New York, NY, Investment Banking Strats Summer Analyst
Morgan Stanley, , , Investment Banking Summer Analyst
ZS Associates, Princeton, NJ, Business Analyst Intern

Applied Science – Computer Science and Finance/Statistics
Facebook, Seattle, WA, Data Scientist Intern
Self-Employed - Freelance, New York, NY, Technical Consultant

Applied Science – Computer Science and Management
Biobots, Philadelphia, PA, Software Engineer
Lyft, San Francisco, CA, Product Management Intern

Applied Science – Computer Science and Management/Marketing & Operations Management
Applied Predictive Technologies, Washington, DC, Associate Product Manager Intern
Warby Parker, New York, NY, Title not provided

Applied Science – Computer Science and Management/Statistics
Barclays, New York, NY, Summer Analyst

Applied Science – Computer Science and Statistics
Airbnb, San Francisco, CA, Data Science Intern
Amazon, Seattle, WA, Software Development Engineer Intern
Originate, Inc., Los Angeles, CA, Software Engineering Intern

Applied Science – Computer Science and Undeclared
Bright Idea, Philadelphia, PA, Co-Founder & Head of Operations
Monexo Innovations Limited, Hong Kong, Technology Intern

**Applied Science – Individualized and Statistics**
Bessemer Venture Partners, New York, NY, Venture Capital Analyst

**Bioengineering and Finance**
Airbnb, San Francisco, CA, Software Engineering Intern
Credit Suisse, San Francisco, CA, Investment Banking Summer Analyst
University of Pennsylvania - Perelman School of Medicine, Division of Gastroenterology, Philadelphia, PA, Research Assistant

**Bioengineering and Marketing**
Macquarie Capital, New York, NY, Summer Analyst

**Chemical & Biomolecular Engineering and Statistics**
TransMarket Group LLC, Chicago, IL, Relative Value Arbitrage Trading Intern

**Computer Engineering and Finance**
NewsCred, New York, NY, Full Stack Software Engineering Intern

**Computer Science and Finance**
Amazon, Seattle, WA, SDE Intern
Amazon, Seattle, WA, Software Development Engineer Intern
Goldman Sachs, London, Non-US, Summer Analyst
Goldman Sachs, New York, NY, Strats Summer Analyst
Microsoft, Redmond, WA, Software Engineer Intern

**Computer Science and Finance/Management**
NerdWallet Inc., San Francisco, CA, Software Engineering Intern

**Computer Science and Finance/Statistics**
Bridgewater Associates, Westport, CT, Technology Associate Intern
Citadel LLC, New York, NY, Software Engineering Intern

**Computer Science and Management**
Apple, Cupertino, CA, Engineering Program Manager
Bridgewater Associates, Westport, CT, Summer Technology Associate
Johnson & Johnson, New Brunswick, NJ, Product Management Intern

**Computer Science and Marketing**
Apple, Sunnyvale, CA, Engineering Project Manager

**Computer Science and Statistics**
Google, Mountain View, CA, Software Engineering Intern
Microsoft, Redmond, WA, Software Engineering Intern
Electrical Engineering and Finance
Citadel LLC, New York, NY, Investment & Trading

Electrical Engineering and Operations, Information & Decisions
Morgan Stanley, New York, NY, Business Analyst

Materials Science & Engineering and Finance
Centerview Partners, New York, NY, Summer Analyst
PwC, New York, NY, Advisory Associate Intern
University of Pennsylvania - School of Engineering and Applied Science, Philadelphia, PA, Teaching Assistant

Materials Science & Engineering and Statistics
OpenX, Pasadena, CA, Finance Intern

Mechanical Engineering & Applied Mechanics and Behavioral Economics
ExxonMobil, Houston, TX, Facilities Engineering Intern

Mechanical Engineering & Applied Mechanics and Finance
AQR Capital Management, Greenwich, CT, Summer Research Analyst, Global Stock Selection Group
Qatalyst Partners, San Francisco, CA, Summer Analyst
Wells Fargo, New York, NY, Investment Banking Summer Analyst

Mechanical Engineering & Applied Mechanics and Management
Avascent, Washington, DC, Summer Analyst
Google (Nest), Palo Alto, CA, Hardware Engineering Intern

Mechanical Engineering & Applied Mechanics and Marketing & Operations Management
Hasbro, Pawtucket, RI, Assistant Brand Manager

Mechanical Engineering & Applied Mechanics and Operations, Information & Decisions
Kraft-Heinz Company, Chicago, IL, Corporate Management Intern

Mechanical Engineering & Applied Mechanics and Management/Finance
Tesla Motors, San Francisco, CA, Finance Intern

Systems Science & Engineering and Finance
Deutsche Bank, New York, NY, Markets Summer Analyst
Moelis & Company, Los Angeles, CA, Investment Banking Summer Analyst
PwC, New York, NY, Management Consulting Intern
Signal Hill, Boston, MA, Summer Analyst

Systems Science & Engineering & Management
Roche Tissue Diagnostics, Mountain View, CA, Project Management Intern
Walt Disney Company, Lake Buena Vista, FL, Industrial Engineering Professional Intern

Systems Science & Engineering & Marketing
Goldman Sachs, New York, NY, Operation Summer Analyst
**Systems Science & Engineering & Finance/Accounting**
Perella Weinberg Partners, New York, NY, Summer Analyst

**Systems Science & Engineering & Finance/Management**
Credit Suisse, New York, NY, Summer Investment Banking Analyst
General Motors, Detroit, MI, Financial Analyst

**Systems Science & Engineering & Management/Operations, Information and Decisions**
Capital One, McLean, VA, Business Analyst - Product Management & Analytics
Facebook, Menlo Park, CA, Product Specialist

**ENGINEERING and GRADUATE ARTS & SCIENCES (BSE and MA)**

**Computer Science, Mathematics and Mathematics (MA)**
DIMACS REU, Piscataway, NJ, Summer Research

**ENGINEERING DUAL DEGREE (BAS/BSE & MSE) & DOUBLE MAJOR**

**Chemical & Biomolecular Engineering, Scientific Computing (MSE), Mathematics**
Los Alamos National Lab, Los Alamos, NM, Research Intern

**Mechanical Engineering & Applied Mechanics, Systems Engineering (MSE), Mathematics**
HC Technologies, Chicago, IL, Quantitative Trading intern

**Mechanical Engineering & Applied Mechanics, Systems Engineering (MSE), Theatre Arts**
University of Pennsylvania Health System, Philadelphia, PA, Administrative Assistant/Data Analytics
SUMMER 2016 SURVEY OF RISING JUNIORS—CLASS OF 2018

OVERVIEW

Career Services surveys students at the end of the summer, seeking information about students’ summer activities. Students in the class of 2018 were “rising juniors” during Summer 2016, and 194 (43%) of 446 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 or at Penn or another institution; externing or job shadowing; or any combination of summer activities.

For the class of 2018, 90% 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
March 2017

SUMMER 2016 PRIMARY ACTIVITY
(as reported by 192 students)

![Pie chart showing primary activities]

Classes, 3%  Other, 3%  Travel, 2%  Independent Research, 2%
Work - Unpaid, 5%  Work - Paid, 85%

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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
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Location of Summer Positions .....................page 3
International Experiences ..........................page 4
Summer Positions Reported by Industry ......page 4
Summer Positions Reported by Major ............page 4
WORK EXPERIENCES—HOURS AND WAGES IN SUMMER 2016

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<tr>
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<th>Full-Time Employment</th>
<th>Part-Time Employment</th>
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<tr>
<td>Number of Respondents:</td>
<td>164</td>
<td>10</td>
</tr>
<tr>
<td>Unpaid Position:</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>Paid Position:</td>
<td>156</td>
<td>8</td>
</tr>
<tr>
<td>Did not report Salary:</td>
<td>24</td>
<td>0</td>
</tr>
<tr>
<td>Average Monthly Salary:</td>
<td>$3,620</td>
<td>$1,307</td>
</tr>
<tr>
<td>Monthly Salary Range:</td>
<td>$800 - $10,400</td>
<td>$800 - $2,560</td>
</tr>
<tr>
<td>Average Hours per Week:</td>
<td>43</td>
<td>20</td>
</tr>
<tr>
<td>Range of Hours per Week:</td>
<td>30-110</td>
<td>12-25</td>
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</tbody>
</table>

Note: In summer of 2015, the average monthly salary for full-time employment was $3,282 and it rose to $3,620 for summer 2016.

HOW STUDENTS OBTAINED SUMMER POSITIONS IN 2016
(as reported by 158 students)

DATE SUMMER OFFER RECEIVED IN 2016

(As reported by 154 students)
EMPLOYERS WITH MOST OFFERS ACCEPTED IN SUMMER 2016
(includes full-time and part-time positions)

<table>
<thead>
<tr>
<th>Employer</th>
<th>Number</th>
</tr>
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<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>31</td>
</tr>
<tr>
<td>Google</td>
<td>10</td>
</tr>
<tr>
<td>University of Pennsylvania Health System</td>
<td>4</td>
</tr>
<tr>
<td>JP Morgan Chase &amp; Co.</td>
<td>4</td>
</tr>
<tr>
<td>Microsoft</td>
<td>3</td>
</tr>
<tr>
<td>PricewaterhouseCoopers</td>
<td>3</td>
</tr>
<tr>
<td>Amazon</td>
<td>2</td>
</tr>
<tr>
<td>Blackstone</td>
<td>2</td>
</tr>
<tr>
<td>Bloomberg LP</td>
<td>2</td>
</tr>
<tr>
<td>Comcast/NBCUniversal</td>
<td>2</td>
</tr>
<tr>
<td>Facebook</td>
<td>2</td>
</tr>
<tr>
<td>Lockheed Martin</td>
<td>2</td>
</tr>
<tr>
<td>Redfin</td>
<td>2</td>
</tr>
<tr>
<td>SpaceX</td>
<td>2</td>
</tr>
</tbody>
</table>

LOCATION OF SUMMER POSITIONS IN 2016

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>34%</td>
</tr>
<tr>
<td>California</td>
<td>20%</td>
</tr>
<tr>
<td>New York</td>
<td>13%</td>
</tr>
<tr>
<td>Washington</td>
<td>5%</td>
</tr>
<tr>
<td>New Jersey</td>
<td>4%</td>
</tr>
<tr>
<td>Delaware</td>
<td>2%</td>
</tr>
<tr>
<td>Texas</td>
<td>2%</td>
</tr>
<tr>
<td>Illinois</td>
<td>2%</td>
</tr>
<tr>
<td>Non U.S.</td>
<td>10%</td>
</tr>
<tr>
<td>All others</td>
<td>8%</td>
</tr>
</tbody>
</table>
INTERNATIONAL EXPERIENCES IN SUMMER 2016
(as reported by 56 students)

- Completed classes overseas .................. 17.9%
- Traveled overseas ........................................ 51.8%
- Worked overseas ........................................ 30.3%

SUMMER POSITIONS BY INDUSTRY IN SUMMER 2016

- Technology ........................................ 30%
- Manufacturing ..................................... 14%
- Financial Services .................................. 12%
- Energy/Natural Resources/Utilities .......... 2%
- Government ......................................... 1%
- Healthcare .......................................... 3%
- Consulting .......................................... 4%
- Education: Higher and Elementary .......... 2%
- Education: Labs/Centers ......................... 21%
- Non-Profit ......................................... 1%
- Retail/Wholesale .................................. 1%
- Transportation .................................... 1%
- Real Estate ........................................ 1%
- Design ................................................ 1%
- Hospitality ......................................... 1%
- Communications .................................. 3%

SUMMER POSITIONS REPORTED BY MAJOR IN 2016
(Includes all respondents—full-time and part-time; paid and unpaid)

ENGINEERING DEGREE

Applied Science – Biomedical Science
LIU Post Youth Camp, Brookville, NY, General Counselor
National Science Foundation/Louis Stokes Alliance for Minority Participation Greater Philadelphia Summer Research Program, Philadelphia, PA, Research Assistant
University of Pennsylvania - Department of Bioengineering, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant
Applied Science – Computer Science
AQR Capital, Greenwich, CT, Summer Research Analyst
IK Investment Partners, London, United Kingdom, Intern
University of Pennsylvania - Management Department, Wharton School, Philadelphia, PA, Student Manager

Bioengineering
BioBots, Philadelphia, PA, Intern
Center for Biomedical Engineering Research, Newark, DE, Intern
Children’s Hospital of Philadelphia, Philadelphia, PA, Student Assistant
Short Term Educational Experiences for Research (STEER), Philadelphia, PA, Summer Research Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Department of Bioengineering, Philadelphia, PA, Summer Intern
University of Pennsylvania - McKay Lab for Orthopedic Surgery, Philadelphia, PA, Research Undergraduate
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System - Radiology, Philadelphia, PA, Research Assistant
Valtech Cardio, Or Yehuda, Israel, Intern
Virginia Polytechnic Institute and State University, Blacksburg, VA, Undergraduate Research Fellow

Chemical and Biomolecular Engineering
Dow Chemical Company, Baton Rouge, LA, Run Plant Engineering Intern
Inyange Industries, Kigali, Rwanda, Intern
TerraCycle Inc., Trenton, NJ, Research and Development Intern
University of Chicago, Chicago, IL, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant

Computer Engineering
Kazendi, London, United Kingdom, Prototype Engineering Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
Xilinx, Inc., San Jose, CA, Intern
Xilinx, Inc., San Jose, CA, CMAC/Interlaken Intern

Computer Science
Accenture GmbH, Düsseldorf, Germany, Technology Consulting Intern
Amazon Web Services, Seattle, WA, Software Development Engineering Intern
Blackstone, New York, NY, Summer Software Developer
Bloomberg L.P., New York, NY, Software Engineering Intern
Brav Conflict Management, San Francisco, CA, Game Development Engineering Intern
Dimensional Fund Advisors, Santa Monica, CA, Portfolio Management Summer Analyst
Electronic Arts, Redwood City, CA, Data Visualization Intern
Ericsson Inc., Piscataway, NJ, Software Engineering Intern
Facebook (Oculus), Menlo Park, CA, Software Engineering Intern
Google, Mountain View, CA, Engineering Practicum Intern
Lockheed Martin Aeronautics Company, Fort Worth, TX, Systems Engineer Intern
Over, Cape Town, South Africa, iOS Development Intern
Pinterest, San Francisco, CA, Software Engineer Intern
Computer Science (continued)
Qualcomm, San Diego, CA, Software Engineering Intern
Redfin, Seattle, WA, Product Manager Intern
Redfin, San Francisco, CA, Software Engineering Intern
RistCall, Philadelphia, PA, Business Development Intern
Square, San Francisco, CA, Software Engineering Intern
The Chicago Lighthouse, Chicago, IL, IT Intern
Trunk Club, Chicago, IL, Software Engineering Intern
Tumblr, New York, NY, Software Engineering Intern
Two Sigma Investments, New York, NY, Software Engineering Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Computer Science, Philadelphia, PA, Research Assistant
University of Pennsylvania - Computer Science, Philadelphia, PA, Research Assistant

Digital Media Design
Adobe, San Jose, CA, Digital Imaging Intern
IBM Watson, Durham, NC, Software Engineering Intern
Sony Interactive Entertainment America, San Mateo, CA, Software Development Test Engineering Intern
Spaces, Inc., Los Angeles CA, Experience Design Intern
Textio, Seattle, WA, Software Engineering Intern
University of Pennsylvania - PURM, Philadelphia, PA, Research Assistant

Electrical Engineering
Amtrak, Philadelphia, PA, Technical Intern
Lear Corporation, Southfield, MI, Intern
Lockheed Martin, Moorestown, NJ, Network Engineer
Swift Capital, Conshohocken, PA, Business Development and Partnerships Analyst Intern

Materials Science and Engineering
Rachleff Scholars, Philadelphia, PA, Research Assistant
Saint-Gobain APAC Division Investment Ltd., Shanghai, China, Cross-Business Application IT Intern
Singh Center for Nanotechnology, Philadelphia, PA, Lab Technician
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant

Mechanical Engineering and Applied Mechanics
Athos, Redwood City, CA, Mechanical Engineering Intern
BMW Group, Munich, Germany, Product Strategy Intern
Breakthrough, Austin, TX, Summer Teaching Fellow
Delta Air Lines, Atlanta, GA, SCM Intern
Fender Musical Instruments Corporation, Corona, CA, Manufacturing/Mechanical Engineering Intern
Fresh Digital Group, New York, NY, Product Designer
Haifa 3D, Haifa, Israel, 3D Design Intern
Modlab, Philadelphia, PA, Intern Researcher
Philadelphia Water Department, Philadelphia, PA, Engineering Intern
R&W Concrete, Lansdale, PA, Engineering Intern
Stylex Seating Inc., Delanco, NJ, Product Development Intern
Mechanical Engineering and Applied Mechanics (continued)
The Boeing Company, Clear Lake, TX, Structures and Mechanisms Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania - PURM, Philadelphia, PA, Research Assistant
University of Pennsylvania - Rehabilitation Robotics Laboratory, Philadelphia, PA, Research Assistant
University of Pennsylvania - Turner Group, Philadelphia, Research Assistant

Networked and Social Systems Engineering
Google, Mountain View, CA, Software Engineering Intern
Meetup, New York, NY, Core Engineer Intern
Microsoft, Redmond, WA, Software Engineering and Project Management Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
Zillow, Seattle, WA, Software Engineering Intern

Systems Science and Engineering
Broadview Networks, King of Prussia, PA, Operations Intern
Camp Tawonga, Yosemite, CA, Camp Counselor
Flytrex, Tel Aviv, Israel, Intern
Ghostery, New York, NY, Product Intern and Analyst
Goldman Properties, Philadelphia, PA, Project Assistant
Maxx Orthopedics, Plymouth Meeting, PA, Biomedical Engineering Intern
Nipponham Foods, Izmir, Turkey, Product Management Intern
Town of Hempstead, East Rockaway, NY, Lifeguard

ENGINEERING DOUBLE MAJORS

Computer Science & Cognitive Science
Google, Cambridge, MA, Software Engineering Intern
SpaceX, Hawthorne, CA, Software Engineering Intern

Computer Science & Mathematics
Bloomberg L.P., New York, NY, Software Engineering Intern

Computer Science & Systems Science and Engineering
Northwestern Mutual, Milwaukee, WI, Business Consultant

Materials Science and Engineering & Architecture

Mechanical Engineering and Applied Mechanics & Computer Science
Comcast/NBCUniversal, Sunnyvale, CA, Intern
Phosphorus, New York, NY, Engineering Intern

ENGINEERING DUAL DEGREES (BAS OR BSE/MSE)

Applied Science – Computer Science & Computer and Information Science (MSE)
JPMorgan Chase & Co., Wilmington, DE, Intern
Applied Science – Computer Science & Robotics (MSE)
Microsoft, Seattle, WA, Software Engineering Intern

Bioengineering & Bioengineering (MSE)
University of Pennsylvania – Dept. of Bioengineering, Chow Laboratory, Philadelphia, PA, Research Assistant

Bioengineering & Systems Engineering (MSE)
JPMorgan Chase & Co., Newark, DE, Summer Analyst

Chemical and Biomolecular Engineering & Chemical and Biomolecular Engineering (MSE)
ESAP, Philadelphia, PA, Residential Teaching Assistant

Chemical and Biomolecular Engineering & Materials Science and Engineering (MSE)
Rappe Group, Philadelphia, PA, Undergraduate Researcher

Chemical and Biomolecular Engineering & Systems Engineering (MSE)
SAP, Philadelphia, PA, Support Engineer Intern

Computer Engineering & Electrical Engineering (MSE)
Intel, Santa Clara, CA, Intern

Computer Engineering & Computer and Information Science (MSE)
Giant Eagle, Pittsburgh, PA, Stock Clerk
Peloton Technology, Mountain View, CA, Software Engineering Intern
VMware, Palo Alto, CA, Intern, Member of Technical Staff

Digital Media Design & Computer Graphics and Game Technology (MSE)
BioStream Technologies, LLC, Moorestown, NJ, Software Development Intern
Google, Boulder, CO, Software Engineer
USA Today, Tyson’s Corner, VA, Unity Developer

Electrical Engineering & Electrical Engineering (MSE)
JPMorgan Chase & Co., New York, NY, Summer Technology Analyst

Mechanical Engineering and Applied Mechanics & Integrated Product Design (MSE)
Tomorrow Lab, New York, NY, Mechanical Engineering Intern

Mechanical Engineering and Applied Mechanics & Mechanical Engineering & Applied Mechanics (MSE)
JPMorgan Chase & Co., Wilmington, DE, Summer Technology Analyst
South Jersey Industries, Folsom, NJ, Engineering Intern

Mechanical Engineering and Applied Mechanics & Robotics (MSE)
Google X, Mountain View, CA, Mechanical Engineering
OPEX Corporation, Moorestown, NJ, Mechanical Engineering Intern
Redwing Technologies, Fasano, Italy, Robotics Engineering Intern
SpaceX, Hawthorne, CA, Structures Engineering Intern
Tough Mudder, LLC, Brooklyn, NY, Obstacle Design Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant

Networked and Social Systems & Computer and Information Science (MSE)
University of Pennsylvania - Warren Center, Philadelphia, PA, Undergraduate Researcher
Systems Science and Engineering & Systems Engineering (MSE)
Chicago Trading Company, Chicago, IL, Trading Intern

ENGINEERING AND CAS DEGREES

Applied Science - Computer Science & Fine Arts
University of Pennsylvania Health Services, Philadelphia, PA, Full Stack Web and Mobile Engineer

Bioengineering & Political Science
True Ventures, San Francisco, CA, Fellow

Computer Science & Philosophy
CardConnect, King of Prussia, PA, Software Engineering Intern

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

Systems Science and Engineering & Political Science
PriceWaterhouseCoopers, Dubai, United Arab Emirates, Summer Intern

ENGINEERING AND WHARTON DEGREES*
[*Engineering students in the following majors are also pursuing a Wharton degree. Wharton concentrations were not declared when the survey was conducted.]

Applied Science – Computer Science & Wharton
Goldman Sachs, New York, NY, Summer Intern
University of Pennsylvania - Wharton School, Philadelphia, PA, Programmer/Research Assistant

Applied Science – Individualized & Wharton
The Glenmede Trust, Philadelphia, PA, Private Equity Summer Analyst

Bioengineering & Wharton
Oliver Wyman, Seoul, South Korea, Research Assistant
University of Pennsylvania - Leonard Davis Institute of Economics, Philadelphia, PA, Research Assistant

Computer Science & Wharton
Amazon, Seattle, WA, SDE Intern
Blackstone, New York, NY, Summer Business Analyst
Bravio Capital, Hong Kong, Summer Analyst
CB Insights, New York, NY, Tech Industry Analyst Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Google, Mountain View, CA, Engineering Practicum Intern
Google, Mountain View, CA, Engineering Practicum Intern
Google, Mountain View, CA, Software Engineering Intern
Google, Mountain View, CA, Software Engineering Intern
Microsoft, Redmond, WA, Program Manager Intern
Morgan Stanley, New York, NY, Technology Summer Analyst
NextGen PMS, Bangalore, India, Product Designer Intern
Computer Engineering & Wharton
ModoPayments, San Francisco, CA, Software Developer
Palo Alto Networks, Santa Clara, CA, Intern - Product Management

Electrical Engineering & Wharton
KPMG, Bangalore, India, Intern
University of Pennsylvania – Physics, Philadelphia, PA, Summer Assistant

Mechanical Engineering and Applied Mechanics & Wharton
Google (Nest), Palo Alto, CA, Hardware Engineering Intern
U.S. House of Representatives, Washington, DC, Congressional Intern

Networked and Social Systems Engineering & Wharton
Analytics Operations Engineering, Boston, MA, Summer Analyst

Systems Science and Engineering & Wharton
Comcast/NBCUniversal, Philadelphia, PA, Business Analyst
Green Drake Advisors, Wayne, PA, Summer Intern
Moore Capital, New York, NY, Intern
PriceWaterhouseCoopers, New York, NY, Management Consulting Intern
University of Pennsylvania - Wharton School, Philadelphia, PA, Research Assistant
SUMMER 2016 SURVEY OF RISING SOPHOMORES—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 sophomores” during Summer 2016, and 187 (41%) of 454 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 2019, 80% 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
March 2017

SUMMER 2016 PRIMARY ACTIVITY
(as reported by 186 students)

![Pie chart showing the distribution of primary activities: Work - Paid 71%, Work - Unpaid 9%, Classes 10%, Other 7%, Travel 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 3
- Summer Positions Reported by Industry .........page 4
- Summer Positions Reported by Major ............page 4
Summer 2016 Survey of Rising Sophomores (Class of 2019)

WORK EXPERIENCES—HOURS AND WAGES IN SUMMER 2016

<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>116</td>
<td>20</td>
</tr>
<tr>
<td>Unpaid Position:</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Paid Position:</td>
<td>104</td>
<td>17</td>
</tr>
<tr>
<td>Did not report salary:</td>
<td>29</td>
<td>3</td>
</tr>
<tr>
<td>Average Monthly Salary:</td>
<td>$2,430</td>
<td>$1,035</td>
</tr>
<tr>
<td>Monthly Salary Range:</td>
<td>$300–$6,500</td>
<td>$500–$1,600</td>
</tr>
<tr>
<td>Average Hours per Week:</td>
<td>42</td>
<td>20</td>
</tr>
<tr>
<td>Range of Hours per Week:</td>
<td>30–110</td>
<td>10–28</td>
</tr>
</tbody>
</table>

HOW STUDENTS OBTAINED SUMMER POSITIONS IN 2016
(as reported by 125 students)

<table>
<thead>
<tr>
<th>Method</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online job/internship site (not PennLink or iNet)</td>
<td>1%</td>
</tr>
<tr>
<td>Special program (i.e., SEO, Inroads, HACU)</td>
<td>3%</td>
</tr>
<tr>
<td>Previous employer</td>
<td>8%</td>
</tr>
<tr>
<td>Career Services and Penn Sponsored Internships</td>
<td>15%</td>
</tr>
<tr>
<td>Contacts: family/friend/professor/other</td>
<td>36%</td>
</tr>
<tr>
<td>Applied directly to organization</td>
<td>37%</td>
</tr>
</tbody>
</table>

DATE SUMMER OFFER RECEIVED IN 2016

<table>
<thead>
<tr>
<th>Month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>10%</td>
</tr>
<tr>
<td>Feb</td>
<td>3%</td>
</tr>
<tr>
<td>Mar</td>
<td>31%</td>
</tr>
<tr>
<td>Apr</td>
<td>13%</td>
</tr>
<tr>
<td>May</td>
<td>4%</td>
</tr>
<tr>
<td>June</td>
<td>15%</td>
</tr>
</tbody>
</table>

[As reported by 122 students]
EMPLOYERS WITH MOST OFFERS ACCEPTED IN SUMMER 2016
(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>12</td>
</tr>
<tr>
<td>University of Pennsylvania Health System</td>
<td>8</td>
</tr>
<tr>
<td>Microsoft</td>
<td>2</td>
</tr>
<tr>
<td>NASA</td>
<td>2</td>
</tr>
<tr>
<td>Northwestern University</td>
<td>2</td>
</tr>
</tbody>
</table>

LOCATION OF SUMMER POSITIONS IN 2016

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 ............................................37%
- California ............................................10%
- New Jersey .............................................7%
- New York ................................................6%
- Massachusetts ...........................................6%
- Illinois ..................................................5%
- Ohio ........................................................2%
- Connecticut .............................................1%
- Washington ..............................................1%
- Non U.S. ...................................................13%
- All others ...............................................12%

INTERNATIONAL EXPERIENCES IN SUMMER 2016
(as reported by 50 students)

- Completed classes overseas .....................16%
- Worked overseas .....................................30%
- Traveled overseas ...................................54%
### Summer Positions by Industry in 2016

![Pie chart showing industry distribution](image)

### Summer Positions Reported by Major in 2016

(includes all respondents—full-time and part-time; paid and unpaid)

#### Engineering Degree

**Applied Science – Computer Science & Cognitive Science**
Max2 Inc., New York, NY, Software Development Intern

**Bioengineering**
AECOM, Burlington, NJ, Summer Intern
Boston University Health System, Boston, MA, Research Assistant
CCNY Neural Engineering Group, New York, NY, Research Intern
G&E Welding Supply Company, New Castle, DE, Associate
Harvard University, Wyss Institute for Biologically Inspired Engineering, Cambridge, MA, Summer Intern
ICICI Prudential AMC, Mumbai, India, Intern
Meridian Health Plan, Detroit, MI, Student Intern
University of Illinois, Urbana, IL, Laboratory Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
Bioengineering (continued)
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Residential Teaching Assistant
University of Pennsylvania, Philadelphia, PA, Residential Teaching Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - PURM Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania - PURM Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Undergraduate Research Intern
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Summer Research Fellow

Chemical and Biomolecular Engineering
Cincinnati Children's Hospital Medical Center, Cincinnati, OH, Researcher
Design IP, Allentown, PA, Intellectual Property Law Summer Intern
Douglas Elliman, New York, NY, Real Estate Intern
Johnson & Johnson, Jakarta, Indonesia, Summer Intern
Maritime Rowing Club, Norwalk, CT, Coach
Pratt & Whitney East Hartford, CT, Quality Chemistry Lab Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Summer Research Intern
ZATA Pharmaceuticals, Worcester, MA, Lab Assistant

Computer Engineering
Cue, Inc., Woburn, MA, Engineering Design Intern
Fidelity Investments, Merrimack, NH, Technical Intern
Google, New York, NY, Engineering Practicum Intern
iCIMS, Matawan, NJ, SDET Intern
Liquid Telecom Zimbabwe, Harare, Zimbabwe, Technical Intern

Computer Science
180LA, Los Angeles, CA, Analytics Intern
Analytical Flavor Systems, State College, PA, Web Development Intern
AuriQ Systems Inc., Pasadena, CA, Software Intern
Brewster Day Camp, Brewster, MA, Counselor
#BUILTBYGIRLS, New York, NY, Ambassador and Public Speaker
Champion Laboratories, Lake Forest, IL, Intern
DealerTrack, Lake Success, NY, Software Engineering Intern
DWP Group, Lahore, Pakistan, Intern
IKEA, Elizabeth, NJ, Logistics Outflow Intern
Ingenious Smart Home, Istanbul, Turkey, Software Development Intern
JP Morgan, Jersey City, NJ, Technology Summer Analyst
Laborers' District Council (LDC), Philadelphia, PA, Web-text Programmer
Microsoft, Redmond, WA, Software Engineering Intern
Microsoft, Redmond, WA, Explore Intern
Mingjian, Shanghai, China, Graphic Design Intern
Northwestern University, Feinberg School of Medicine, Chicago, IL, IT Intern
Reality Analytics, Inc., Columbia, MD, Intern
Computer Science (continued)
RoadTrip Nation, Costa Mesa, CA, Roadtripper/Interviewer
SAP America, Newtown Square, PA, STAR Intern
Temple University, Control, Sensor, Network & Perception Laboratory, Philadelphia, PA, Research Asst.
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Civic House, Philadelphia, PA, Community Engagement Intern
University of Pennsylvania - Department of Earth & Environmental Sciences, Philadelphia, PA, Res. Asst.
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant
Western Securities, Shanghai, China, Intern

Digital Media Design
brEDcrumb, Philadelphia, PA, Brand Management and Product Design Intern
iD Tech, Palo Alto, CA, Instructor
Northwestern University, Evanston, IL, Research Assistant
SIGGRAPH 2016, Anaheim, CA, Student Volunteer
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Computer Graphics, Philadelphia, PA, Research Assistant
University of Pennsylvania - GEMS Program, Philadelphia, PA, Counselor
University of Pennsylvania - Wharton Management, Philadelphia, PA, Research Assistant
uSens Inc., San Jose, CA, Virtual Reality UI/UX Designer

Electrical Engineering
CPS Energy, San Antonio, TX, Intern
Energy Analytics, LLC, La Jolla, CA, Copy Editor and Proofreader
Glendale Recreation Association, Newport News, VA, Lifeguard
Great Lakes Energy Ltd Kigali, Rwanda, Marketing Officer - Photovoltaics
Microduino, Los Angeles, CA, Undergraduate Intern
Transcirus Cloud Software, Durham, NC, Intern
Tufts University, Medford, MA, Electrical Engineering Research Assistant
University of Pennsylvania, Philadelphia, PA, Residential Teaching Assistant

Materials Science and Engineering
Applebee's, Reading, PA, Server
Smilow Center for Translational Research - Soccio Lab, Philadelphia, PA, Lab Assistant
University of Pennsylvania, Philadelphia, PA, Lab Assistant

Mechanical Engineering and Applied Mechanics
Adani, Ahmedabad, India, Senior Trainee
Advanced Technology Corporation, Andover, OH, Senior Technology Consultant
Brinjac Engineering, Philadelphia, PA, Intern
Camp Airy, Thurmont, MD, Camp Counselor
Camp Hillard, Scarsdale, NY, General Counselor
Clearwater Swim Club, Summit, NJ, Head Swim Team Coach
Eat Cake 4 Breakfast Bakery, Brewster, MA, Associate
Geotab, Inc., Oakville, Canada, Hardware Developer/Tester
Glass – U, Philadelphia, PA, Operations and Digital Media
METKA S.A., Athens, Greece, Engineering Department Intern
### Mechanical Engineering and Applied Mechanics (continued)

NASA Langley Research Center, Hampton, VA, Robotics Intern  
Northern Tier High Adventure, Ely, MN, Canoeing Guide  
Par Hawaii Refining, Honolulu, HI, Maintenance Engineering Intern  
Public Accountants and Auditors Board, Harare, Zimbabwe, Intern  
Salt Lake County, Salt Lake City, UT, Life Guard and Swim Instructor  
Schrader Group Architecture, Philadelphia, PA, Researcher  
SPAWAR Systems Center Pacific, San Diego, CA, NREIP Intern  
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant  
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant  
We Make it Personal, Ocean City, NJ, Associate

### Networked and Social Systems Engineering

Accenture, Shenzhen, China, Technology Consulting Analyst  
Boca Systems, Boca Raton, FL, Technician  
ESAP, Philadelphia, PA, Residential Teaching Assistant  
Moven, Radnor, PA, Software Engineering Intern  
Twitter, San Francisco, CA, Software Engineering Intern

### Systems Science and Engineering

Colgate-Palmolive, Piscataway, NJ, Application & Software Development Summer Intern  
Copa Airlines, Panama City, Panama, Business Intelligence Analyst  
Doppelmayr, La Paz, Bolivia, Intern  
I.I.M. S.A.C., Lima, Peru, Developer  
Kenny's Corner Ice Cream Stand, North Syracuse, NY, Manager  
Let's Yo Yogurt, Howell, NJ, Shift Supervisor  
Medsphere Corp USA, Skokie, IL, Consulting Intern  
Rovakaira Oy, Rovaniemi, Finland, Intern  
Target Tutoring, Miami, FL, Tutoring  
Valify Inc., Dallas, TX, Strategic Business Analyst

### ENGINEERING DOUBLE MAJORS

### Mechanical Engineering and Applied Mechanics & Mathematical Economics

University of Pennsylvania, Philadelphia, PA, Teaching Assistant

### Mechanical Engineering and Applied Mechanics & Computer Science

University of Pennsylvania Health System, Philadelphia, PA, Research Assistant

### Systems Science and Engineering & Economics

Infineum USA, Linden, NJ, Chemical Engineering Intern

### ENGINEERING AND CAS DEGREES

### Applied Science – Computer Science & Cognitive Science

Galileo Learning, Berkeley, CA, Technology Instructor

### Applied Science – Computer Science & Cognitive Science and Linguistics

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

**ENGINEERING AND WHARTON DEGREES***
[*Engineering students in the following majors are also pursuing a Wharton degree. Wharton concentrations were not declared when the survey was conducted.]

Bioengineering & Wharton
University of Pennsylvania Health System, Philadelphia, PA, Lab Assistant

Computer Science & Wharton
Akuna Capital, Chicago, IL, Intern
Bombay Gas Company, Mumbai, India, Business Development Intern
Deloitte, Adana, Turkey, Summer Analyst
Electronic Arts, Redwood Shores, CA, Data Science Intern
Essendant, Deerfield, IL, IT Intern
Facebook, Menlo Park, CA, Software Development Intern
GTRACK Technologies, Palo Alto, CA, Software Engineering Intern
Lincoln Financial Group, Philadelphia, PA, Java Developer
NASA Ames Research Center, Moffett Field, CA, Intern
ShopKeep, New York, NY, Technology Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, General Robotics, Automation, Sensing and Perception Lab, Philadelphia, PA, Research Assistant

Computer Engineering & Wharton
Fareportal, New York, NY, Product Intern

Materials Science and Engineering & Wharton
American Greetings, Cleveland, OH, Engineering Intern

Mechanical Engineering and Applied Mechanics & Wharton
Fermentec Incorporated, Philadelphia, PA, Research Intern
The Green Program, Philadelphia, PA, Business Development Intern

Systems Science and Engineering & Wharton
City of Boston, Boston, MA, Summer Analytics Fellow
MFS Investment Management, Boston, MA, Summer Intern: Client Risk Monitoring
Principal Financial, Des Moines, IA, Business Analyst Intern