

School of Engineering & Applied Science

Summer 2017 Survey

[Rising Seniors](#)

[Rising Juniors](#)

[Rising Sophomores](#)

Methodology

Career Services at the University of Pennsylvania annually surveys undergraduates about their summers. This report looks at rising sophomores, juniors and seniors from the School of Engineering & Applied Science during the summer of 2017.

School of Engineering & Applied Science Summer Career Plans Survey – Class of 2018



University of Pennsylvania Career Services

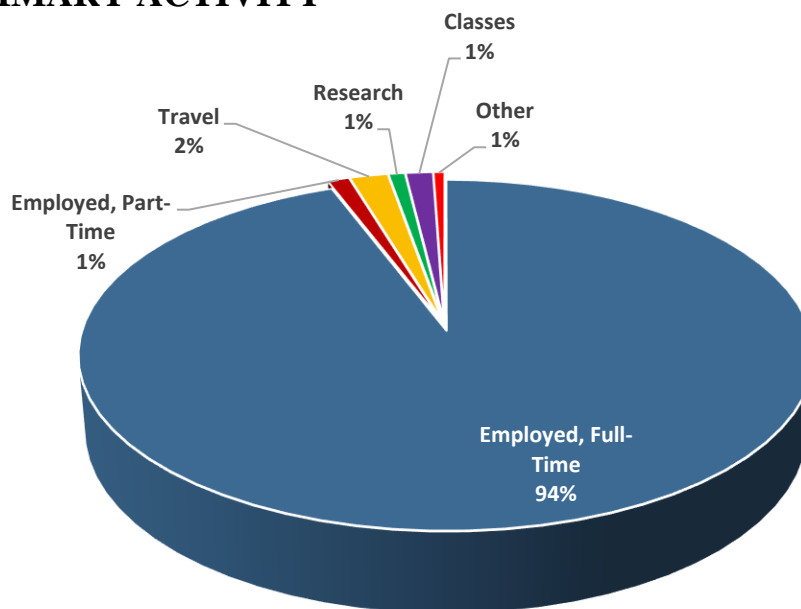
*Prepared by:
Tiffany Franklin, Associate Director
April 2018*

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

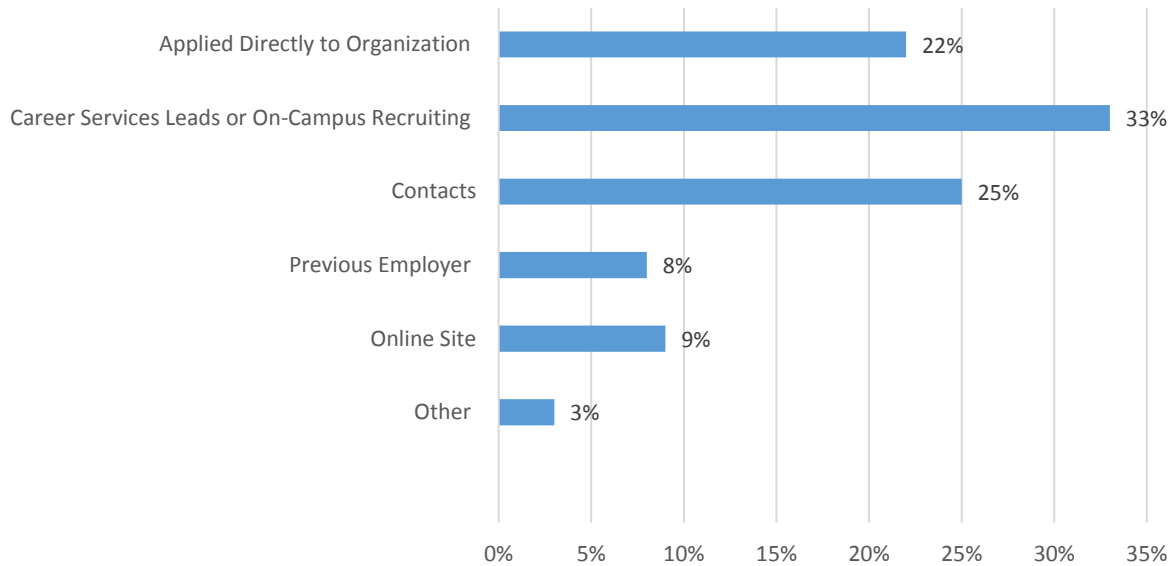
Total # of Students in Class: 492

% of Respondents: 73.7%

Total # of Students Employed Full or Part-Time = 346			
Full Time Employed		Part-Time Employed	
Number of Respondents	342	Number of Respondents	4
<i>(Paid and Unpaid)</i>		<i>(Paid and Unpaid)</i>	
# Reporting Salary*	158	# Reporting Salary*:	3
Average Month Salary	\$4,960	Average Monthly Salary	\$1,333
Range: \$900 – 20,000		Range: \$800 – 2,200	
*Non-stipend		*Non-stipend	

School(s)	# of Full-Time Respondents Reporting Salary	Average Monthly Salary Full-Time	Salary Range Full-time
Engineering	122	\$4,526	\$ 900 – 10,000
Engineering/MSE Engineering	53	\$4,810	\$1,500 – 9,000
Engineering/College	7	\$5,136	\$ 1,320 – 10,400
Engineering/Wharton	24	\$7,465	\$ 3,000 – 20,000

HOW RESPONDENTS RECEIVED THEIR INTERNSHIPS



199 students reported how they received their positions

SALARY BY MAJOR

Full-Time Employed with Salary Reported

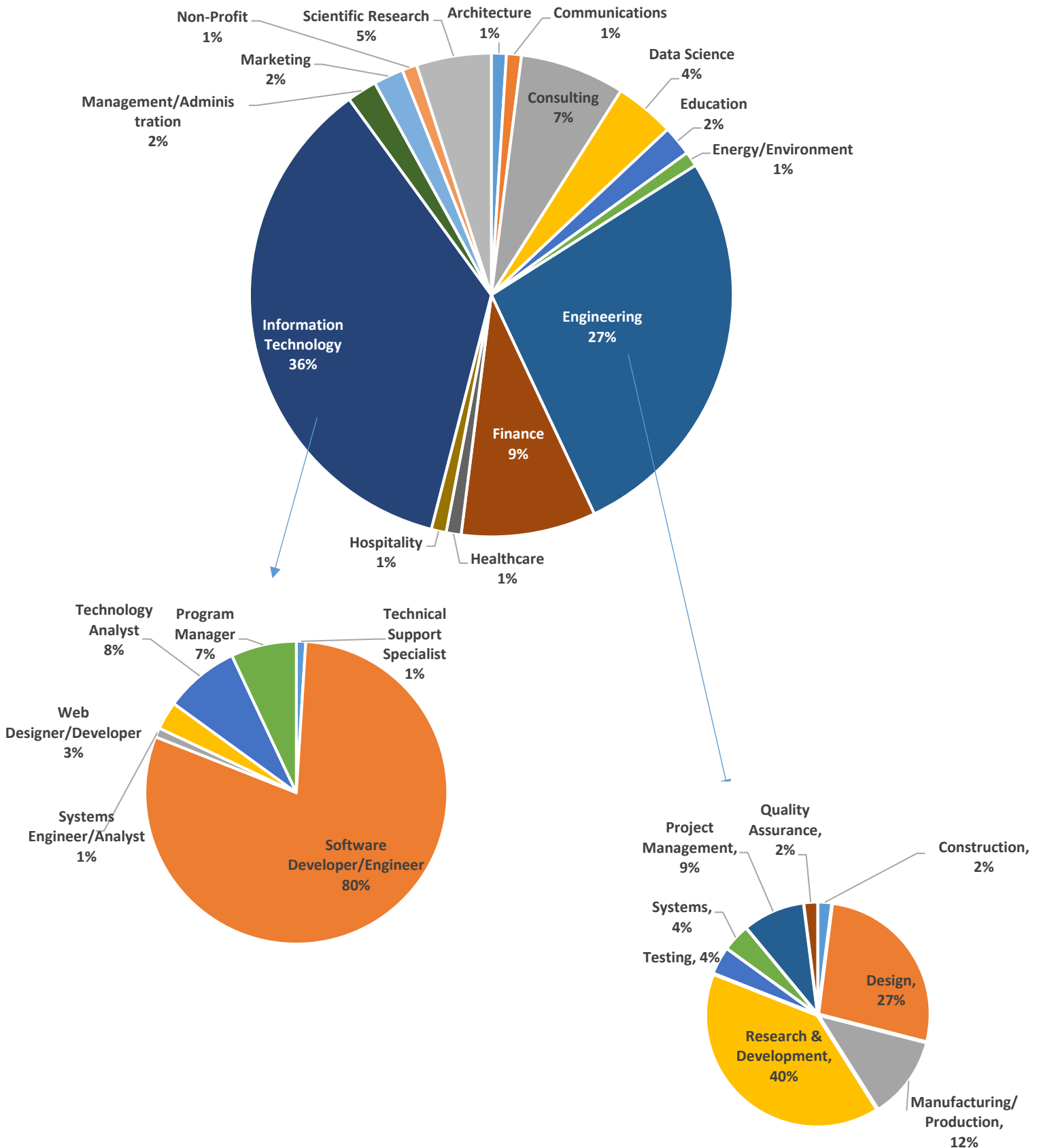
Major**	# of Salaries Reported	Average Salary	Median Salary	Salary Range
Applied Science				
Biomedical Science	6	\$6,883	\$5,150	\$3,200 - \$16,000
Cognitive Science	0	*	*	*
Computer Science	18	\$7,210	\$6,500	\$2,100 - \$11,000
Individualized	0	*	*	*
Bioengineering	34	\$3,228	\$2,400	\$1,200 - \$8,000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

*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)

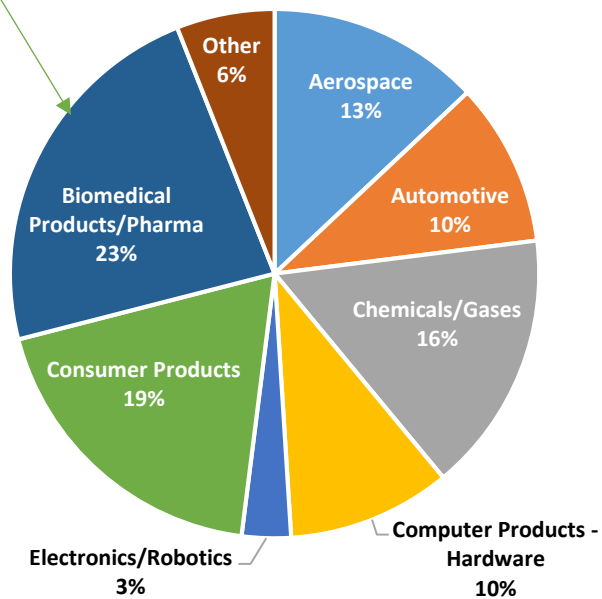
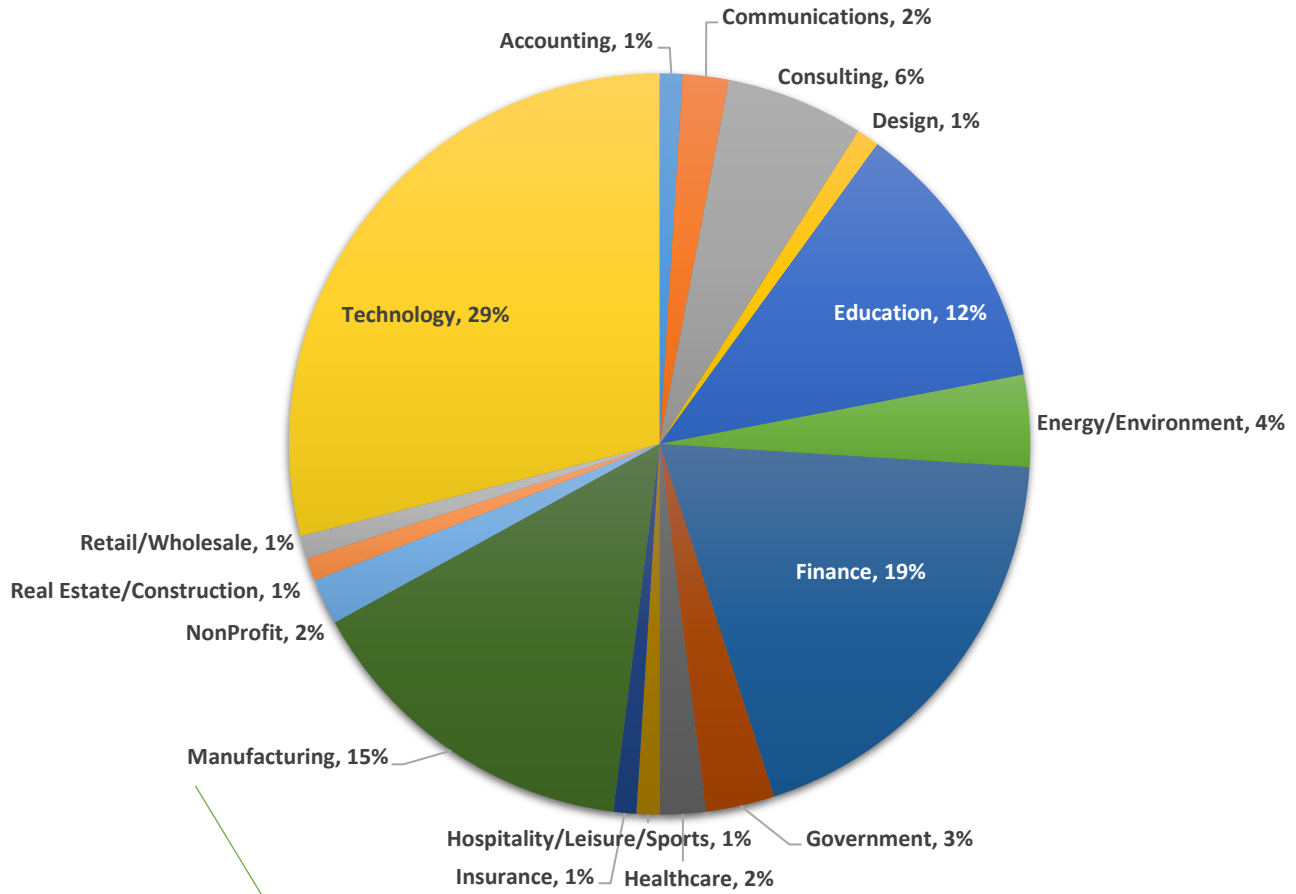


SALARY BY JOB TYPE – Full-Time Employed

<i>*Single salaries / salary ranges of two respondents not reported.</i>	# of Responses	Average Monthly Salary	Median Monthly Salary	Minimum Monthly Salary	Max Monthly Salary
Architecture	1	*	*	*	*
Communications	1	*	*	*	*
Consulting	11	\$5,635	\$6,080	\$2,700	\$6,720
Management/Strategy	7	\$5,564	\$6,400	\$2,700	\$6,720
Technical/Info. Systems	4	\$5,760	\$5,920	\$4,960	\$6,240
Data Science	7	\$4,914	\$6,000	\$1,600	\$6,500
Data Analyst	6	\$4,700	\$5,200	\$1,600	\$6,500
Statistician	1	*	*	*	*
Education	2	*	*	*	*
Energy/Environment	1	*	*	*	*
Engineering	38	\$3,916	\$3,730	\$1,667	\$7,500
Construction	1	*	*	*	*
Design	9	\$4,076	\$3,700	\$2,240	\$7,200
Manufacturing/Production	6	\$3,973	\$3,880	\$3,520	\$5,020
Project Management	4	\$3,759	\$4,059	\$1,920	\$5,000
Quality Assurance	1	*	*	*	*
Research & Development	13	\$3,759	\$3,500	\$1,667	\$7,500
Systems	2	*	*	*	*
Testing	2	*	*	*	*
Finance	17	\$6,378	\$6,500	\$3,000	\$20,000
Commercial Banking/Lending	1	*	*	*	*
Financial Planning & Analysis (non-banking)	2	*	*	*	*
Investment Banking Analyst	3	\$11,700	\$8,000	\$7,100	\$20,000
Investment Management/Counsel	1	*	*	*	*
Private Equity Analyst	1	*	*	*	*
Securities Research Analyst	1	*	*	*	*
Sales	1	*	*	*	*
Trading	5	\$6,817	\$7,083	\$5,000	\$8,000
Venture Capital Analyst	2	*	*	*	*
Healthcare	2	*	*	*	*
Information Technology	57	\$6,300	\$7,000	\$1,600	\$11,500
Program Manager	5	\$5,528	\$7,000	\$2,560	\$7,200
Software Developer/Engineer	44	\$6,531	\$7,200	\$1,600	\$11,500
Systems Engineer/Analyst	1	*	*	*	*
Technical Support Specialist	1	*	*	*	*
Technology Analyst	5	\$6,064	\$6,000	\$5,120	\$7,500
Web Designer/Developer	1	*	*	*	*
Management/Administration	3	\$2,967	\$3,000	\$1,500	\$4,400
Marketing	3	\$3,600	\$3,600	\$3,200	\$4,000
Not for Profit/Social Services	1	*	*	*	*
Scientific Research	9	\$1,976	\$1,600	\$1,200	\$3,200
Biology/Biochemistry	1	*	*	*	*
Biomedical (Other)	8	\$2,061	\$1,600	\$1,200	\$3,200

EMPLOYED RESPONDENTS BY INDUSTRY

Includes both Full-time and Part-time Internships/Surveys With and Without Salaries



SALARY BY INDUSTRY – Full-Time Employed

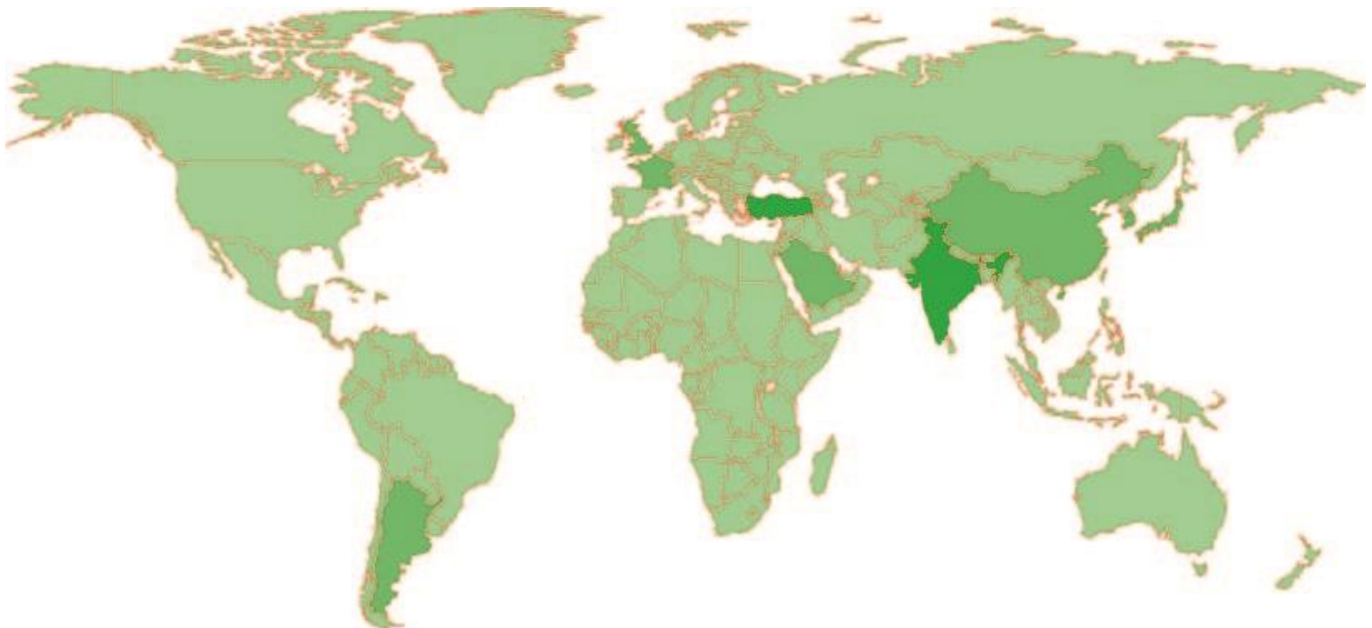
	# of Responses	Average Monthly Salary	Median Monthly Salary	Minimum Monthly Salary	Max Monthly Salary
Accounting	1	*	*	*	*
Communications	4	\$4,400	\$4,720	\$2,560	\$5,600
Consulting	11	\$5,626	\$6,200	\$2,700	\$6,670
Design	2	*	*	*	*
Education	13	\$1,750	\$1,600	\$1,200	\$3,200
Elementary/Secondary Education	1	*	*	*	*
Higher Education	1	*	*	*	*
Research Labs/Centers – Higher Education	11	\$1,601	\$1,440	\$1,200	\$2,400
Energy/Natural Resources/Utilities	4	\$3,368	\$3,440	\$2,240	\$4,352
Financial Services	34	\$6,619	\$6,450	\$2,000	\$20,000
Diversified Financial Services (including commercial/retail banking)	5	\$5,320	\$6,200	\$3,000	\$7,500
Hedge Fund	7	\$8,771	\$9,000	\$6,500	\$10,400
Investment Banking/Brokerage	15	\$6,793	\$6,000	\$3,000	\$20,000
Investment Management/Counsel	3	\$6,240	\$6,400	\$4,320	\$8,000
Private Equity	2	*	*	*	*
Venture Capital	2	*	*	*	*
Government	3	\$3,015	\$3,023	\$3,000	\$3,023
Healthcare	3	\$2,420	\$1,920	\$1,500	\$3,840
Hospitality/Leisure/Sports	1	*	*	*	*
Insurance	1	*	*	*	*
Manufacturing	28	\$4,040	\$3,690	\$1,667	\$7,500
Aerospace	4	\$4,353	\$4,250	\$3,764	\$5,150
Automotive	3	\$4,586	\$4,560	\$3,200	\$6,000
Biomedical Products/Pharma	7	\$3,348	\$3,200	\$3,040	\$3,760
Chemicals/Gases	5	\$3,688	\$3,520	\$3,100	\$5,020
Computer Products - hardware	2	*	*	*	*
Consumer Products (food, household & personal care)	4	\$4,670	\$4,340	\$3,000	\$7,000
Electronics/Robotics	1	*	*	*	*
Other	2	*	*	*	*
Nonprofit	2	*	*	*	*
Real Estate/Construction	2	*	*	*	*
Retail/Wholesale	1	*	*	*	*
Technology	43	\$6,154	\$6,720	\$1,600	\$11,500

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

LOCATIONS OF INTERNSHIPS



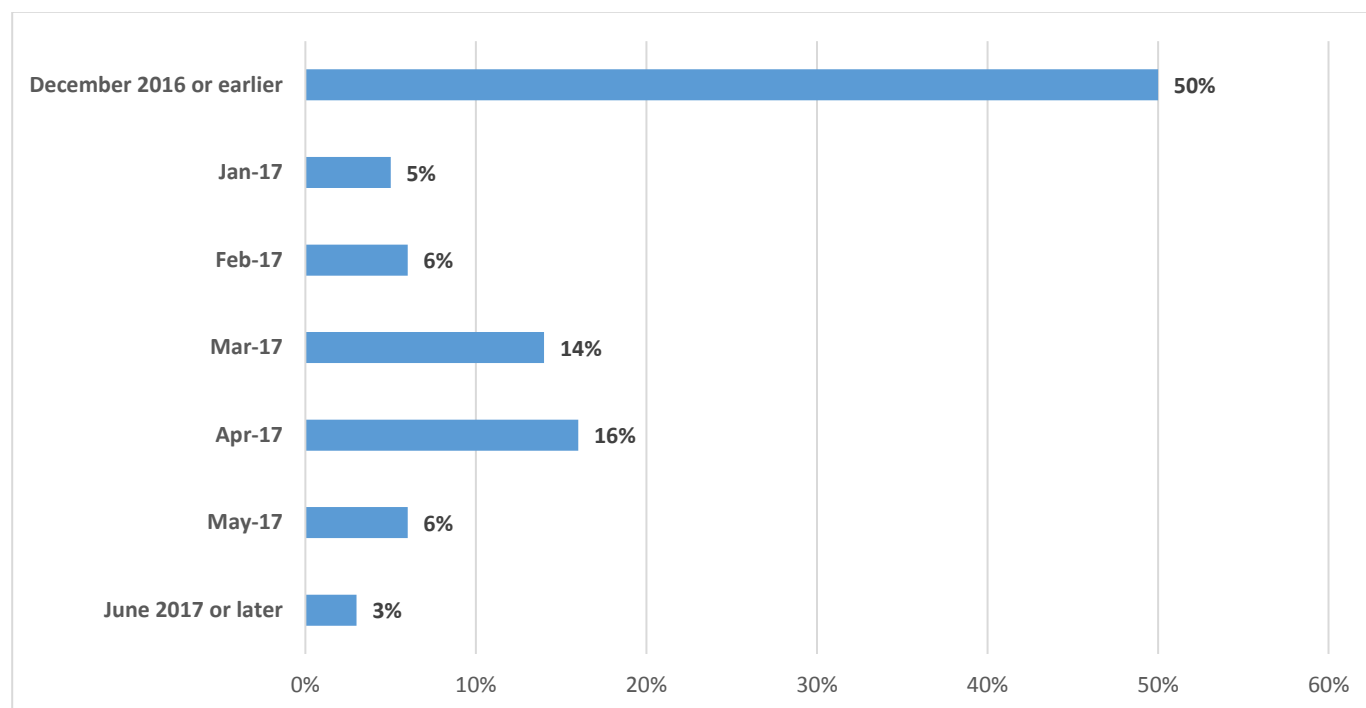
LOCATIONS OF INTERNATIONAL INTERNSHIPS



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

DATE RECEIVED OFFER

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



EMPLOYERS WITH MOST OFFERS ACCEPTED

Full-time & Part-time Employment

Number Accepted	Organization
32	University of Pennsylvania
14	Facebook
12	Google
10	Amazon
7	Goldman Sachs, Microsoft
4	Bain Associates, Bridgewater Associates, Capital One, Intel, JPMorgan Chase & Co., Morgan Stanley
3	Boeing, Bloomberg, Deloitte, NASA, Tesla, Two Sigma
2	Adobe, Accenture, AQR Capital, Evonik, Investment Tech Group, PwC, Schlumberger, Susquehanna International Group, Willow Tree, Inc.

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, Philadelphia, Research Assistant
University of Pennsylvania, Smilow Center for Translational Research, Philadelphia, Pennsylvania, Research Assistant
University of Pennsylvania, Wand Lab, Philadelphia, Pennsylvania, Research Assistant
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
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
Intel Corporation, Santa Clara, California, Hardware/Software Engineering Intern
Xilinx, San Jose, California, Design Engineering Intern

Computer Science

Acme Atronomatic, 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

McKinsey & Company, New York, New York, Enterprise Architecture Intern
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 Inter
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
Azavea, Philadelphia, Pennsylvania, Open Source Software Fellow
Facebook, Menlo Park, California, Software Engineering Intern
Facebook, No location provided, Software Engineering Intern
Draper Dragon Fund, San Francisco, California, Analyst
Facebook, Menlo Park, California, Software Engineering Intern
Google, Mountain View, California, Software Engineering Intern
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
Amazon Web Services, Seattle, Washington, Business Analyst Intern
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
Deloitte, New York, New York, Business Technology Analyst 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., Markham, 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

University of Pennsylvania, Image Computing & Science Lab, Philadelphia, Pennsylvania, 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)

Analytical Graphics, Inc., Exton, Pennsylvania, Software Engineering Intern

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
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, 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
McKinsey & Company, New York, New York, Summer Business 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)

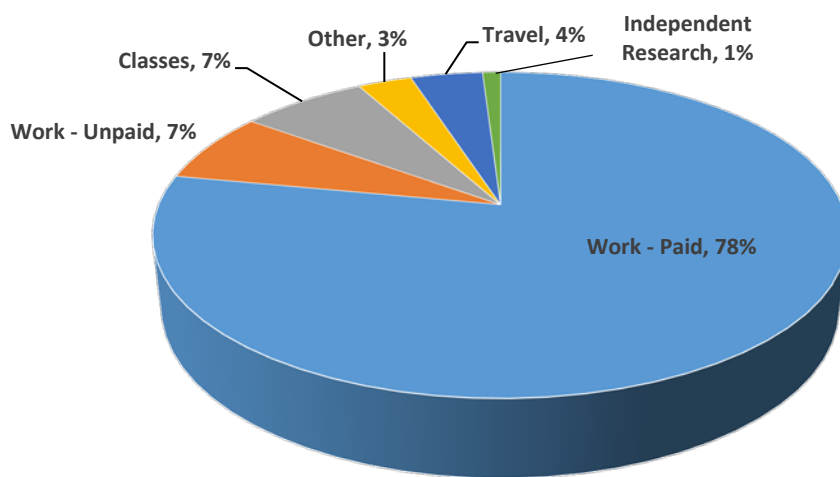


TABLE OF CONTENTS

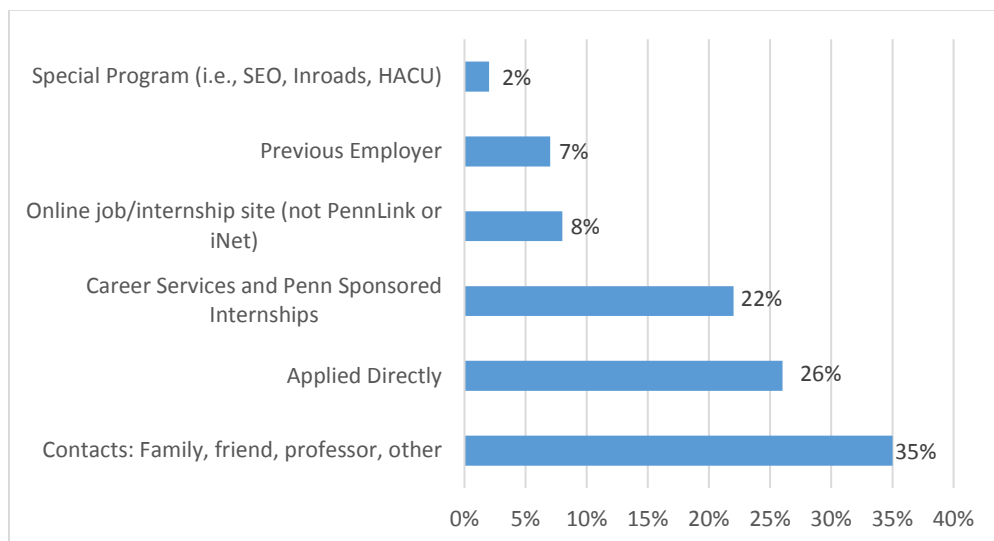
Work Experiences—Hours and Wages	page 2
How Students Obtained Summer Positions ...	page 2
Date Summer Offer Was Received	page 2
Employers with Most Offers Accepted	page 3
Location of Summer Positions	page 3
International Experiences	page 4
Summer Positions Reported by Industry	page 4
Summer Positions Reported by Major	page 5

WORK EXPERIENCES—HOURS AND WAGES IN SUMMER 2017

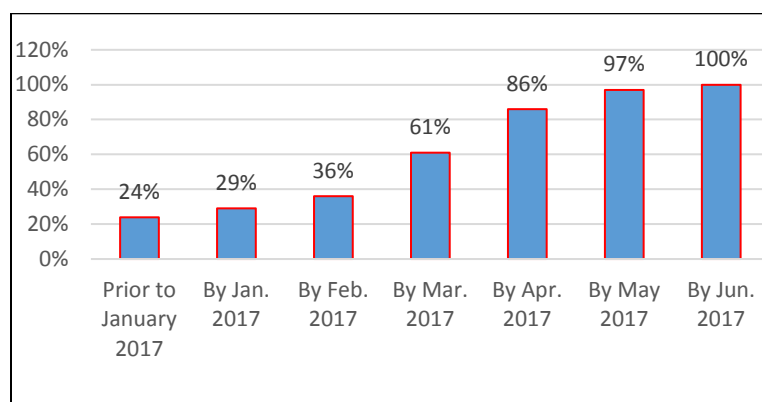
Full-Time Employment		Part-Time Employment	
Number of Respondents:	154	Number of Respondents:	11
Unpaid Position:	4	Unpaid Position:	4
Paid Position:	150	Paid Position:	7
Reported Salary:	125	Reported Salary:	6
Average Monthly Salary:	\$3,487	Average Monthly Salary:	\$730
Monthly Salary Range:	\$500 - \$9,600	Monthly Salary Range:	\$378-\$1,100
Average Hours per Week:	43	Average Hours per Week:	18
Range of Hours per Week:	30-120	Range of Hours per Week:	9-25

HOW STUDENTS OBTAINED SUMMER POSITIONS IN 2017

(as reported by 158 students)



AGGREGATE PERCENTAGE OF RESPONDENTS RECEIVING INTERNSHIP OFFERS, BY MONTH

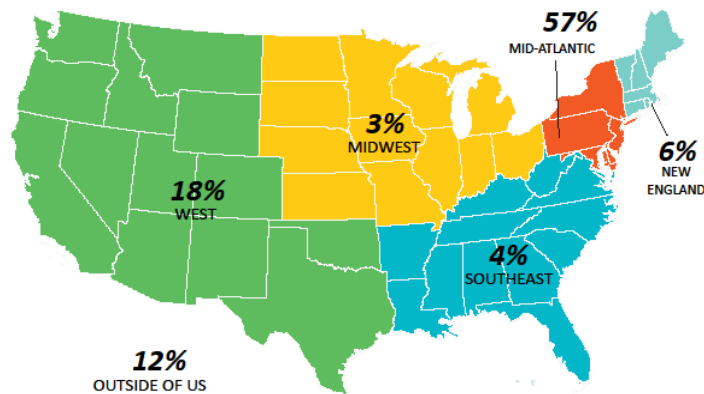


EMPLOYERS WITH MOST OFFERS ACCEPTED IN SUMMER 2017

(includes full-time and part-time positions)

University of Pennsylvania	37
Google	7
JP Morgan Chase & Co.	4
Lockheed Martin	4
Siemens	3
University of Pennsylvania Health System	3
Amazon	2
Bentley Systems	2
Microsoft	2
PricewaterhouseCoopers	2
SAP	2
Slack	2

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:

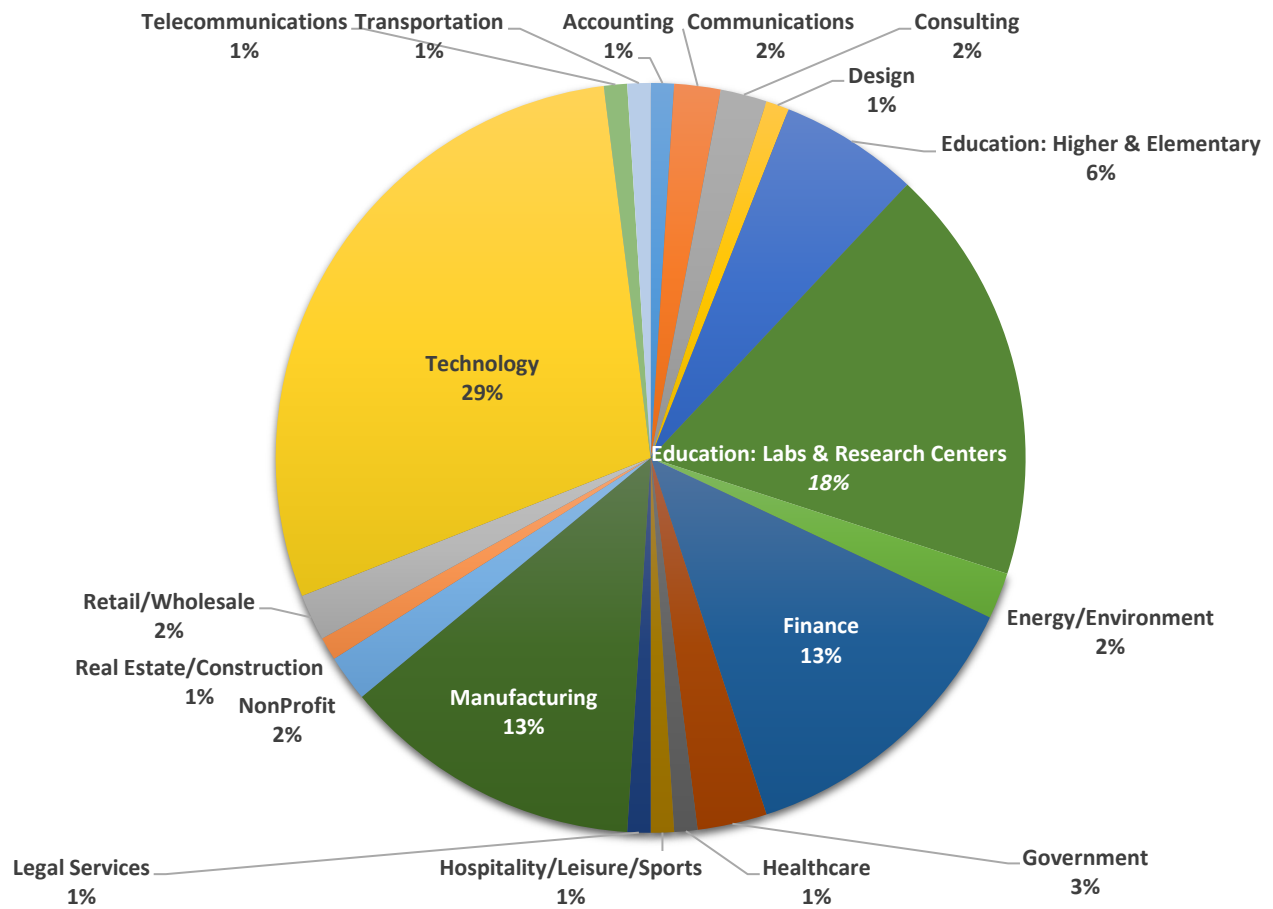
Pennsylvania	37%	Texas	2%
New York	15%	Florida	2%
California	13%	Illinois	2%
Massachusetts	5%	Non U.S.	12%
Maryland	3%	All others	9%

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., Charlottesville, 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
Steppingstone Scholars Inc., Philadelphia, Pennsylvania, Technical Support
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, 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

BioBots Inc., Philadelphia, Pennsylvania, Software Engineer

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

SoftBank Investment Advisers, London, England, Investment Intern

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)

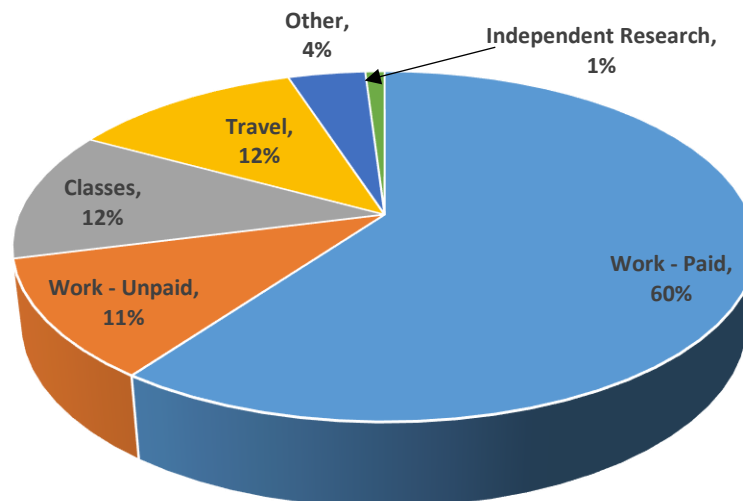


TABLE OF CONTENTS

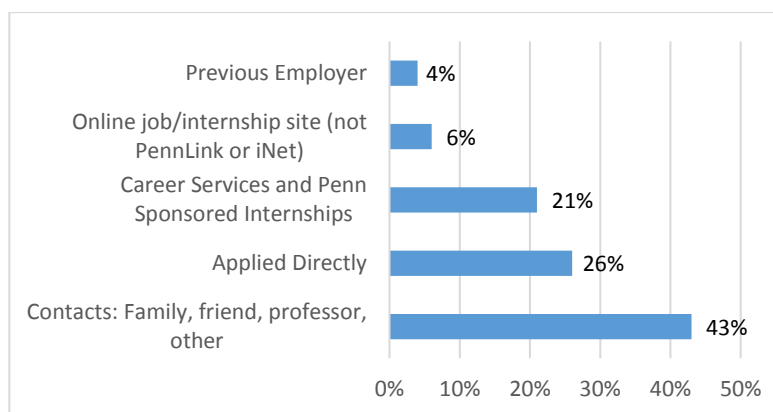
Work Experiences - Hours and Wages	page 2
How Students Obtained Summer Positions	page 2
Date Summer Offer Was Received	page 2
Employers with Most Offers Accepted	page 3
Location of Summer Positions	page 3
International Experiences	page 3
Summer Positions Reported by Industry	page 4
Summer Positions Reported by Major	page 4

WORK EXPERIENCES—HOURS AND WAGES IN SUMMER 2017

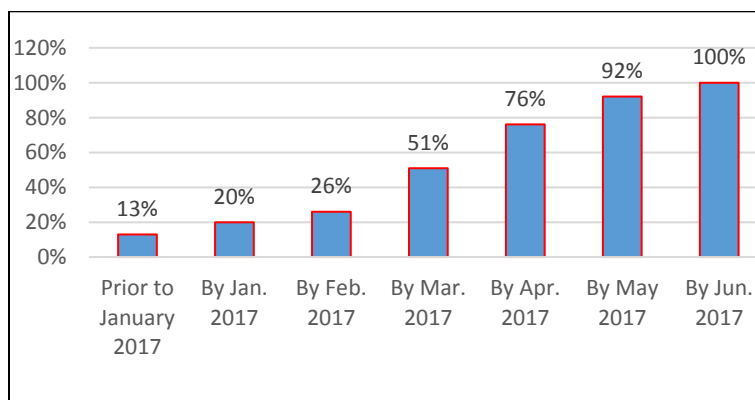
Full-Time Employment		Part-Time Employment	
Number of Respondents:	104	Number of Respondents:	15
Unpaid Position:	6	Unpaid Position:	0
Paid Position:	98	Paid Position:	15
Reported salary:	75	Reported Salary:	13
Average Monthly Salary:	\$2,605	Average Monthly Salary:	\$920
Monthly Salary Range:	\$720 - \$8,000	Monthly Salary Range:	\$200-\$1,600
Average Hours per Week:	42	Average Hours per Week:	19
Range of Hours per Week:	30-100	Range of Hours per Week:	7-28

HOW STUDENTS OBTAINED SUMMER POSITIONS IN 2017

(as reported by 146 students)



AGGREGATE PERCENTAGE OF RESPONDENTS RECEIVING INTERNSHIP OFFERS, BY MONTH

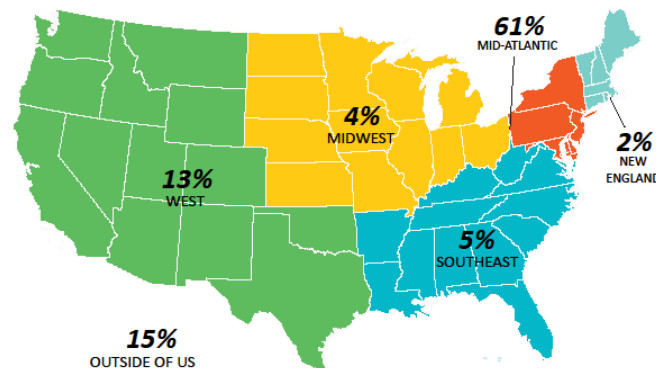


EMPLOYERS WITH MOST OFFERS ACCEPTED IN SUMMER 2017

(includes full-time and part-time positions; as reported by 146 students)

University of Pennsylvania	45
University of Pennsylvania Health System	4
Capital One, Facebook, Google, US Air Force Research Laboratory	2

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:

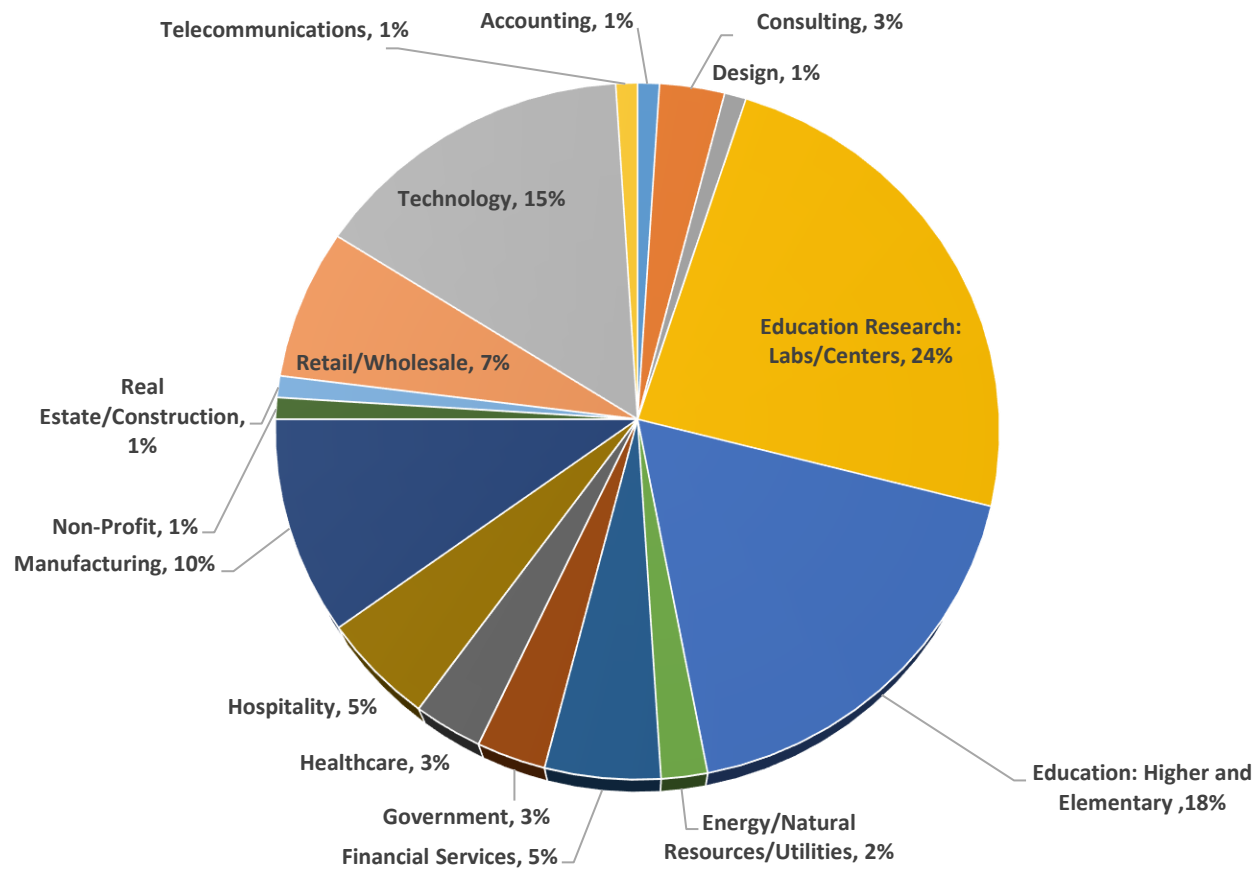
Pennsylvania	45%
California	10%
New York	8%
New Jersey	5%
Massachusetts	5%
Virginia.....	3%
Florida	1%
Ohio	1%
Washington	1%
Non U.S.....	15%
All others.....	6%

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, Louis Stokes Alliances for Minority Participation, Philadelphia, Pennsylvania - Undergraduate Researcher

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

University of Pennsylvania, Linguistics Data Consortium, Philadelphia, Pennsylvania - Web Text Programmer

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, 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 Crummet 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
University of Pennsylvania, The Wharton School, Philadelphia, Pennsylvania - Research Assistant
Woolbright Development, Boca Raton, Florida - Project Management Intern

ENGINEERING CANDIDATES WITH SECOND MAJORS

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
University of Pennsylvania, The Wharton School, 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

Noblis, 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

U.S. Securities and Exchange Commission, Philadelphia, Pennsylvania - Quantitative Analytics 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

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