OVERVIEW
Each year Career Services surveys the Penn Engineering students to gather information about their summer work experience. Students scheduled to graduate in August 2014, December 2014 and May 2015 are included in this analysis. Career Services contacted each student by email list-serv in August 2014 requesting that they complete the on-line survey. In October 2014, the Academic Programs Office of the School of Engineering and Applied Science sent the survey again to all applicable students. In December 2014 and January 2015, 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 with follow-up verification by the student. Information was collected for 412 students of the 477 eligible in the Class of 2015. This combination of data resulted in an 86.4% response rate.

The top industry sectors in which students accepted internships continues to be financial services, technology, manufacturing, and higher education research labs/centers. Within the manufacturing sector, the largest percentages of internships were in biomedical products, aerospace, consumer products, and chemicals. Of those students reporting the date they received the internship offer they accepted, 66% received their offer prior to April 2014 and by the end of May 2014, 95% had accepted a position. This is similar to last year.

SUMMER 2014 PRIMARY ACTIVITY

|$4,508| Average Monthly Salary

10.3% Increase from Last Year
**SCHOOL OF ENGINEERING AND APPLIED SCIENCE SUMMER CAREER PLANS SURVEY – CLASS OF 2015**

**Total # of Student Responses: 412**  
86.4% of the Class

**Total # of Students Employed Full or Part-Time = 353**  
(Students employed but full or part-time status unknown = 21)

<table>
<thead>
<tr>
<th>Full Time Employed</th>
<th>Part-Time Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Respondents</td>
<td>336 (Paid and Unpaid)</td>
</tr>
<tr>
<td># Reporting Salary*</td>
<td>277</td>
</tr>
<tr>
<td>Average Month Salary</td>
<td>$4,508</td>
</tr>
<tr>
<td>Range:</td>
<td>$500 – 20,000</td>
</tr>
<tr>
<td># Reporting Salary:</td>
<td>9</td>
</tr>
<tr>
<td>Average Monthly Salary</td>
<td>$707</td>
</tr>
<tr>
<td>Range:</td>
<td>$300 – 1,200</td>
</tr>
</tbody>
</table>

*Non-stipend

<table>
<thead>
<tr>
<th>School(s)</th>
<th># of Full-Time Respondents Reporting Salary</th>
<th>Average Monthly Salary Full-Time</th>
<th>Salary Range Full-time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>172</td>
<td>$3,955</td>
<td>$500 – 18,000</td>
</tr>
<tr>
<td>Engineering/Engineering</td>
<td>38</td>
<td>$4,232</td>
<td>$500 – 6,800</td>
</tr>
<tr>
<td>Engineering/College</td>
<td>4</td>
<td>$2,638</td>
<td>$1,120 – 6,000</td>
</tr>
<tr>
<td>Engineering/Wharton</td>
<td>57</td>
<td>$6,238</td>
<td>$1,000 – 20,000</td>
</tr>
<tr>
<td>Engineering/Wharton/Engineering Masters</td>
<td>6</td>
<td>$6,917</td>
<td>$4,000 – 10,000</td>
</tr>
</tbody>
</table>
### HOW RESPONDENTS RECEIVED THEIR INTERNSHIPS

332 students reported how they received their internship

![Bar chart showing how respondents received their internships](chart.png)

### SALARY BY MAJOR

**Full-Time Employed with Salary Reported**

<table>
<thead>
<tr>
<th>Major**</th>
<th>Surveys with Salaries</th>
<th>Average Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomedical Science</td>
<td>3</td>
<td>$3,869</td>
<td>$1,400 - $5,806</td>
</tr>
<tr>
<td>Computational Biology</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Cognitive Science</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Computer Science</td>
<td>23</td>
<td>$5,270</td>
<td>$1,000 - $10,500</td>
</tr>
<tr>
<td>Bioengineering</td>
<td>37</td>
<td>$2,982</td>
<td>$680 - $8,000</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Eng.</td>
<td>19</td>
<td>$3,839</td>
<td>$2,000 - $8,000</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>10</td>
<td>$5,277</td>
<td>$3,220 - $7,100</td>
</tr>
<tr>
<td>Computer Science</td>
<td>55</td>
<td>$6,080</td>
<td>$1,000 - $15,000</td>
</tr>
<tr>
<td>Digital Media Design</td>
<td>13</td>
<td>$4,978</td>
<td>$1,840 - $6,500</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>9</td>
<td>$4,292</td>
<td>$1,800 - $7,692</td>
</tr>
<tr>
<td>Materials Science &amp; Eng.</td>
<td>20</td>
<td>$4,459</td>
<td>$500 - $15,000</td>
</tr>
<tr>
<td>Mechanical Engineering &amp; Applied Mechanics</td>
<td>46</td>
<td>$3,297</td>
<td>$500 - $8,640</td>
</tr>
<tr>
<td>Networked &amp; Social Systems Engineering</td>
<td>8</td>
<td>$7,246</td>
<td>$4,640 - $18,000</td>
</tr>
<tr>
<td>Systems Science &amp; Eng.</td>
<td>32</td>
<td>$4,243</td>
<td>$563 - $20,000</td>
</tr>
</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)

SALARY BY JOB TYPE
Full-Time Employed/Salary Reported/Job Type Reported

<table>
<thead>
<tr>
<th>Job Type</th>
<th># of Respondents</th>
<th>Average Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management/Strategy</td>
<td>9</td>
<td>$4,665</td>
<td>$4,000 - $6,000</td>
</tr>
<tr>
<td>Research</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical/Information Systems</td>
<td>7</td>
<td>$4,979</td>
<td>$1,000 - $6,600</td>
</tr>
<tr>
<td>Education</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Engineering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Design</td>
<td>20</td>
<td>$2,980</td>
<td>$1,000 - $6,000</td>
</tr>
<tr>
<td>Manufacturing/Production</td>
<td>17</td>
<td>$3,276</td>
<td>$500 - $7,050</td>
</tr>
<tr>
<td>Project Management</td>
<td>9</td>
<td>$4,960</td>
<td>$1,600 - $7,300</td>
</tr>
<tr>
<td>Quality Assurance</td>
<td>3</td>
<td>$2,300</td>
<td>$1,000 - $3,500</td>
</tr>
<tr>
<td>Research &amp; Development</td>
<td>26</td>
<td>$3,085</td>
<td>$1,000 - $8,640</td>
</tr>
<tr>
<td>Systems</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Testing</td>
<td>3</td>
<td>$3,160</td>
<td>$500 - $4,500</td>
</tr>
<tr>
<td>Job Type</td>
<td># of Respondents</td>
<td>Average Salary</td>
<td>Range</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>------------------</td>
<td>----------------</td>
<td>--------------</td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Banking / Lending</td>
<td>3</td>
<td>$3,667</td>
<td>$2,500 - $6,000</td>
</tr>
<tr>
<td>Financial Planning &amp; Analysis (non-banking)</td>
<td>6</td>
<td>$3,403</td>
<td>$1,760 - $5,600</td>
</tr>
<tr>
<td>Investment Banking Analyst</td>
<td>25</td>
<td>$7,938</td>
<td>$1,800 - $20,000</td>
</tr>
<tr>
<td>Investment Mgmt./Counsel</td>
<td>7</td>
<td>$6,087</td>
<td>$5,384 - $7,692</td>
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<tr>
<td>Private Equity Analyst</td>
<td>5</td>
<td>$6,400</td>
<td>$4,000 - $8,000</td>
</tr>
<tr>
<td>Risk Management</td>
<td>3</td>
<td>$4,233</td>
<td>$2,700 - $6,000</td>
</tr>
<tr>
<td>Sales</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Securities Research Analyst</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Trading</td>
<td>5</td>
<td>$7,140</td>
<td>$5,500 - $10,500</td>
</tr>
<tr>
<td>Venture Capital Analyst</td>
<td>3</td>
<td>$3,217</td>
<td>$1,250 - $7,000</td>
</tr>
<tr>
<td><strong>Government</strong></td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Hospitality</strong></td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Information Technology</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Analyst/Administrator</td>
<td>3</td>
<td>$2,140</td>
<td>$1,400 - $3,520</td>
</tr>
<tr>
<td>Program Manager</td>
<td>4</td>
<td>$4,330</td>
<td>$1,120 - $7,000</td>
</tr>
<tr>
<td>Programmer</td>
<td>3</td>
<td>$4,000</td>
<td>$2,000 - $6,000</td>
</tr>
<tr>
<td>Software Developer/Engineer</td>
<td>49</td>
<td>$5,847</td>
<td>$3,000 - $10,000</td>
</tr>
<tr>
<td>Systems Engineer/Analyst</td>
<td>3</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical Artist/Game Developer</td>
<td>4</td>
<td>$5,613</td>
<td>$3,200 - $6,500</td>
</tr>
<tr>
<td>Technical Support Specialist</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology Analyst</td>
<td>15</td>
<td>$5,197</td>
<td>$1,250 - $7,817</td>
</tr>
<tr>
<td>Web Designer/Developer</td>
<td>3</td>
<td>$3,213</td>
<td>$1,920 - $4,720</td>
</tr>
<tr>
<td><strong>Manufacturing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Management</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Operations</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marketing Analysis/Research</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>New Business Development</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Product/Brand Management</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>
### Job Type

<table>
<thead>
<tr>
<th>Job Type</th>
<th># of Respondents</th>
<th>Average Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Real Estate</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Scientific Research</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology/Biochemistry</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Biomedical (Other)</td>
<td>10</td>
<td>$1,747</td>
<td>$1,200 - $2,400</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Physics</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>6</td>
<td>$2,615</td>
<td>$750 - $6,000</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 (With Manufacturing Breakdown)*

**Finance** 25%

**Technology** 21%

**Manufacturing** 15%

**Education** 15%

**Consulting** 7%

**Design** 1%

**Real Estate / Construction** 1%

**Other** 2%

**Energy** 3%

**Government** 3%

**Healthcare** 3%

**Communications** 3%

**Other** 9%

**Automotive** 7%

**Electronics / Robotics** 9%

**Chemicals / Gases** 13%

**Consumer Products** 14%

**Aerospace** 16%

**Biomedical Products / Pharmaceuticals** 30%

**Telecommunications** 2%

---
## SALARY BY INDUSTRY
*Full-Time Employed/Salary Reported*

<table>
<thead>
<tr>
<th>Industry</th>
<th># of Respondents</th>
<th>Average Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communications</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advertising/Public Relations</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Media/Entertainment</td>
<td>5</td>
<td>$5,490</td>
<td>$3,200 - $6,500</td>
</tr>
<tr>
<td>Publishing/Printing</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Consulting</strong></td>
<td>16</td>
<td>$4,694</td>
<td>$2,000 - $6,600</td>
</tr>
<tr>
<td><strong>Design</strong></td>
<td>4</td>
<td>$2,571</td>
<td>$2,000 - $4,000</td>
</tr>
<tr>
<td><strong>Education</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elementary / Secondary Education</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>For Profit Education</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Higher Education</td>
<td>6</td>
<td>$2,157</td>
<td>$1,000 - $3,000</td>
</tr>
<tr>
<td>Research Labs/Centers in Higher Education</td>
<td>21</td>
<td>$1,623</td>
<td>$500 - $3,200</td>
</tr>
<tr>
<td><strong>Energy/Natural Resources/Utilities</strong></td>
<td>9</td>
<td>$3,592</td>
<td>$2,300 - $4,952</td>
</tr>
<tr>
<td><strong>Financial Services</strong></td>
<td>79</td>
<td>$5,910</td>
<td>$563 - $20,000</td>
</tr>
<tr>
<td><strong>Government</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elementary / Secondary Education</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Elementary / Secondary Education</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Elementary / Secondary Education</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Healthcare</strong></td>
<td>6</td>
<td>$1,792</td>
<td>$1,200 - $2,400</td>
</tr>
<tr>
<td><strong>Hospitality</strong></td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Manufacturing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aerospace</td>
<td>9</td>
<td>$4,265</td>
<td>$3,500 - $5,000</td>
</tr>
<tr>
<td>Automotive</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Biomedical Products/Pharmaceuticals</td>
<td>15</td>
<td>$3,194</td>
<td>$680 - $4,500</td>
</tr>
<tr>
<td>Chemicals/Gases</td>
<td>7</td>
<td>$4,743</td>
<td>$2,700 - $7,050</td>
</tr>
<tr>
<td>Consumer Products</td>
<td>6</td>
<td>$4,060</td>
<td>$2,400 - $8,640</td>
</tr>
<tr>
<td>Electronics/Robotics</td>
<td>3</td>
<td>$2,867</td>
<td>$1,200 - $4,000</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Industry</td>
<td># of Respondents</td>
<td>Average Salary</td>
<td>Range</td>
</tr>
<tr>
<td>---------------------------</td>
<td>------------------</td>
<td>----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Nonprofit</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Real Estate/Construction</td>
<td>3</td>
<td>$3,467</td>
<td>$2,000 - $6,000</td>
</tr>
<tr>
<td>Retail/Wholesale</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Transportation</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology</td>
<td>70</td>
<td>$5,310</td>
<td>$1,000 - $10,000</td>
</tr>
</tbody>
</table>

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

322 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>38</td>
<td>University of Pennsylvania</td>
</tr>
<tr>
<td>13</td>
<td>Goldman Sachs</td>
</tr>
<tr>
<td>12</td>
<td>Amazon</td>
</tr>
<tr>
<td>11</td>
<td>Google</td>
</tr>
<tr>
<td>9</td>
<td>Morgan Stanley</td>
</tr>
<tr>
<td>7</td>
<td>Penn Medicine</td>
</tr>
<tr>
<td>6</td>
<td>BlackRock, Citigroup</td>
</tr>
<tr>
<td>5</td>
<td>Facebook, Microsoft</td>
</tr>
<tr>
<td>4</td>
<td>Barclays, Palantir Technologies, Spot Trading LLC, Zynga</td>
</tr>
<tr>
<td>3</td>
<td>Accenture, Credit Suisse, Boeing, J.P. Morgan Chase, Pricewaterhouse Coopers, Schlumberger, Shopkick, Space Exploration Technologies, The Blackstone Group, Walt Disney Company</td>
</tr>
</tbody>
</table>
POSITIONS REPORTED BY MAJOR
All Respondents (Full-time, Part-time, Paid and Unpaid)

ENGINEERING DEGREES

Applied Science-Biomedical Science
StellaService, New York, NY, Data Operations Intern

Applied Science – Computational Biology
Amazon, Vancouver, Software Development Engineering Intern

Applied Science-Computer & Cognitive Science
Fisher Fine Arts Library, Philadelphia, PA, Position Not Provided

Applied Science – Computer Science
1010data, New York, NY, Business Development Analyst
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer Intern
Citigroup, New York, NY, Quantitative Summer Analyst
Dimagi, Cambridge, MA, Position Not Provided
Goldman Sachs, New York, NY, Summer Technology Analyst
Google, Mountain View, CA, Software Engineering Intern
Gumroad, San Francisco, CA, Software Development Intern
Houlihan Lokey, Los Angeles, CA, Summer Analyst
Knowledge Bridge International, Herndon, VA, Software Development Intern
Spot Trading LLC, Chicago, IL, Software Developer Intern
Weill Cornell Medical School, New York, NY, Programming Intern
West Capital Management, Philadelphia, PA, Research Intern

Bioengineering
Absolute Excellence Inc., Baden, PA, Real Estate Developer
Accenture, Philadelphia, PA, Business and Systems Integration Analyst
Baker Hughes, Montreal, Non-US, Summer Technician
Bar-Ilan University, Ramat Gan, MD, Research Intern
BlackRock, New York, NY, Intern
Cincinnati Children's Hospital Medical Center, Cincinnati, OH, Student II
Cleveland Clinic - OptoQuest, Cleveland, OH, Research Intern
Ethicon Endo Surgery, Cincinnati, OH, R&D Co Op
ICON (plc) / formerly PriceSpective, North Wales, PA, Analyst Intern
McKay Orthopaedic Laboratories, Perelman School of Medicine, Philadelphia, PA, Undergraduate research assistant
Medtronic, Inc, Minneapolis, MN, Undergrad Tech Intern
Merck, West Point, PA, Imaging Intern
Morgan Stanley, New York, NY, Summer Analyst
National Institutes of Health, Bethesda, MD, Position Not Provided
Novartis AG, East Hanover, NJ, Oncology Early Commercial Strategy Summer Intern
Novartis AG, Morris Plains, NJ, Facilities and Engineering Intern
Ortho Clinical Diagnostics, Rochester, NY, Intern
Palantir Technologies, Palo Alto, CA, Forward Deployed Software Engineer
Penn Medicine, Philadelphia, PA, Research Assistant
Penn Medicine, Philadelphia, PA, Research Assistant
Penn State Hershey Medical Center, Hershey, PA, Summer Undergraduate Research Intern
Perelman School of Medicine, Philadelphia, PA, Research Assistant
Philadelphia City Council, Philadelphia, PA, Tech Innovation Intern
Salk Research Institute, San Diego, CA, researcher
St. Jude Medical, Sunnyvale, CA, Field Engineer Intern
Stryker, Fort Lauderdale, FL, Manufacturing Engineering Intern
Thomas Jefferson University, Philadelphia, PA, Thomas Jefferson Summer Undergraduate Research Program Participant, Neuroscience Researcher
Bioengineering continued…
Uniklink RWTH Aachen (with UROP International), Aachen, Germany, UROP International Summer Research Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant in Exercise Physiology Lab
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Technician
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Undergraduate Researcher
University of Pennsylvania - Center for the Advanced Study of India, Madurai, Summer Intern
University of Pennsylvania - Translational Research Program, Philadelphia, PA, Research Assistant
Wake Forest Institute for Regenerative Medicine (WFIRM), Winston-Salem, NC, Summer Scholar

Chemical and Biomolecular Engineering
Anheuser-Busch InBev, St. Louis, MO, Brewing Intern
Applied Predictive Technologies, Arlington, VA, Quality Assurance Engineer Intern
BlackRock, New York, NY, Analyst
Chevron Oronite, Richmond, CA, Research Engineer
Children's Hospital of Philadelphia, Philadelphia, PA, LAB ASSISTANT
Company Not Provided, Location Not Provided, Position Not Provided
Constellation, Baltimore, MD, Quantitative Analyst Intern
Decision Strategies International, Conshohocken, PA, Summer Associate
Dominion Transmission, Inc, Renovo, PA, Field Engineering Intern
Dow Chemical Company, Bristol, PA, Engineering Intern
Dow Chemical Company, Newark, DE, Manufacturing and Engineering Intern
Evonik, Greensboro, NC, Scale-up Intern
Goldman Sachs, Singapore, Summer Analyst
GreenPointe.Energy, Exton, PA, Summer Engineering Intern
Kyu Melange, New York, NY, Operations Intern
Lima Consulting, Malvern, PA, Intern
M&T Bank, Buffalo, NY, Summer Management Development Trainee
Office of the President of Botswana, Gaborone, Intern
Penn Medicine - Department of Hematology and Oncology, Philadelphia, PA, Research Assistant
Schlumberger, San Antonio, TX, Field Engineer Intern
Schlumberger, Tyler, TX, Field Engineer Intern
Sika Corporation, Lyndhurst, NJ, Research and Development Intern
University of Miami Miller School of Medicine, Miami, FL, Position Not Provided
University of Pennsylvania, Philadelphia, PA, Student Researcher
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Residential Teaching Assistant

Computer Engineering
Amazon, Palo Alto, CA, Software Development Engineer Intern
Ericsson, Piscataway, NJ, RF Engineer

Computer Science
Accenture, San Francisco, CA, Systems Integration Intern
Amazon, Seattle, WA, Software development engineer
Amazon, Seattle, WA, Software Development Engineering Intern
Amazon, Seattle, WA, Summer Intern
Amazon, Seattle, WA, Software Engineering Intern
Aramco Services Company, Houston, TX, Intern
Barclays, New York, NY, Summer Technology Analyst
Company Not Provided, Location Not Provided, Position Not Provided
Company Not Provided, Location Not Provided, Position Not Provided
Company Not Provided, Location Not Provided, Position Not Provided
Digicraft, Bangkok, Non-US, Software Engineer
Facebook, Menlo Park, CA, Software Engineer Intern
Flipboard, Palo Alto, CA, Software Engineering Intern
Computer Science continued…
Gencore Systems, Philadelphia, PA, Software Engineering Intern
Goldman Sachs, Jersey City, NJ, Technology Summer Analyst
Goldman Sachs, Jersey City, NJ, Summer Technology Analyst
Google, New York, NY, Software Engineer Intern
Google, Mountain View, CA, Software Engineering Intern
Google, Mountain View, CA, Software Engineering Intern
IFTTT, San Francisco, CA, Web Development Intern
Lux Research, Boston, MA, Research Intern
Morgan Stanley, New York, NY, Business Analyst
Pricewaterhouse Coopers, Philadelphia, PA, Security Advisory Intern
Shopkick, Redwood City, CA, Software Engineer
Sixpoint Partners, New York, NY, Project Management Analyst
Space Exploration Technologies, Hawthorne, CA, Software Engineering Intern
Spot Trading LLC, Chicago, IL, Software Development Intern
Spot Trading LLC, Chicago, IL, Software Developer Intern
Yodle, Inc., New York, NY, Software Engineering Intern

Digital Media Design
1stdibs, New York, NY, Front End Engineer
Facebook, Menlo Park, CA, UI Engineering Intern
Gannett, Mclean, VA, Fellows In-Residence
Instructor Scott White, Philadelphia, PA, Prototyping Assistant
KnowShow, Austin, TX, Co-Founder
The Walt Disney Company, Burbank, CA, Technical Director Intern
University of Pennsylvania, Philadelphia, PA, Residential Adviser and Teaching Assistant
Zynga, San Francisco, CA, Software Engineer

Electrical Engineering
Baltimore Gas and Electric, Baltimore, MD, Finance Intern
Capital One, McLean, VA, Business Analyst
Microsoft, Bellevue, WA, Program Manager Intern
PNC Bank, Houston, TX, Analyst
University of Pennsylvania, Philadelphia, PA, Researcher

Materials Science and Engineering
Anheuser-Busch Inbev, St. Louis, MO, GMT Intern
Boeing Company, St. Louis, MO, Materials and Processes Intern
Company Not Provided, Location Not Provided, Position Not Provided
DNV Energy, Youngstown, OH, Position Not Provided
Free Library of Philadelphia, Philadelphia, PA, Robotics Program Coordinator
Graphene Frontiers LLC, Philadelphia, PA, Engineer
Naval Surface Warfare Center Carderock Div., Philadelphia, PA, Summer Intern
New Sanctuary Movement of Philadelphia, Philadelphia, PA, Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Undergraduate Researcher
University of Pennsylvania, Philadelphia, PA, Technical Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant

Mechanical Engineering and Applied Mechanics
Amplify Education Inc., New York, NY, Product Management Intern
Bank of America Merrill Lynch, New York, NY, Summer Analyst
BlackRock, Princeton, NJ, Private Equity Analyst Intern
Company Not Provided, Location Not Provided, Position Not Provided
Company Not Provided, Location Not Provided, Position Not Provided
comScore, Reston, UT, Product Management Intern
ExxonMobil, Joliet, IL, Mechanical Engineering Intern
FindTheBest, Santa Barbara, CA, Product Associate
Mechanical Engineering and Applied Mechanics continued…
First Quality Retail Services, King of Prussia, PA, Product Development Intern
IDEO, Palo Alto, CA, Mechanical Engineering / Toy Inventor Intern
Infosys Ltd., Bangalore, India, Global Instep Intern
Instigate Design, Yerevan, Armenia, Intern
Leach Wallace Ltd, Baltimore, MD, Position Not Provided
Mayor's Office of Sustainability, Philadelphia, PA, Greenhouse Gas and Climate Change Intern
Modular Robotics Lab, Philadelphia, PA, Research assistant
National Science Foundation, Evanston, IL, Research Experience for Undergraduates Candidate
Penn Engineering & Manufacturing, Danboro, PA, Summer Intern, New Product Development
Ripple Design, Philadelphia, PA, Engineering Intern
Space Exploration Technologies, Hawthorne, CA, Production Intern
STV Inc, New York, NY, Mechanical Intern
Summer Program in Mathematical Problem Solving, New York, NY, Camp Counselor
TE Connectivity, Berwyn, PA, Corporate Strategy Intern
The Boeing Company, Mukilteo, WA, Intern - Student Engineer
Traditions of America - Residential Construction, Radnor, PA, Estimating Intern
Trimet AG, Essen, Germany, Research Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Machine Shop Assistant
University of Pennsylvania, Philadelphia, PA, Researcher
Worth & Company Mechanical Contractors, Pipersville, PA, BD/Engineering Intern

Networked and Social Systems Engineering
Amazon, Seattle, WA, Software Development Intern
Booz & Company, San Francisco, CA, Summer Consultant
Credit Suisse, San Francisco, CA, Summer Analyst
Flatiron Health, New York, NY, Software Engineering Intern
Goldman Sachs, New York, NY, Summer Analyst
Microsoft, Mountain View, CA, Program Manager Intern
Pricewaterhouse Coopers, Philadelphia, PA, Technology Consultant Intern
PWC, Philadelphia, PA, Technology Consulting Intern
Shape Security, Mountain View, CA, Software Engineering Intern

Systems Engineering
Accenture, Philadelphia, PA, Systems Integration and Business Analyst
Bank of America Merrill Lynch, New York, NY, Investment Management Summer Intern
betaworks, New York, NY, Data Analytics Intern
BlackRock, New York, NY, Summer Analyst
BlackRock, New York, NY, Summer Intern
CBRE, Boston, MA, Summer Analyst
Citigroup, New York, NY, Position Not Provided
Deloitte Consulting, Philadelphia, PA, Business Technology Consultant
Dominion Enterprises, Norfolk, VA, Product Development Intern
Excella Consulting, Washington, DC, Summer Associate
Google, Mountain View, CA, BOLD Intern
Greentech Capital Advisors, New York, NY, Investment Banking Summer Analyst
Imagine Easy Solutions, LLC, New York, NY, Business Development Intern
Insight Venture Partners, New York, NY, Summer Analyst
Insightful, New York, NY, Position Not Provided
Intuit, Mountain View, CA, Product Manager
Investment Technology Group (ITG), New York, NY, Summer Analyst
J.P. Morgan Chase, New York, NY, Summer Analyst
KeyMe, Inc., New York, NY, Business Development Intern
Lazard, New York, NY, Investment Banking Summer Analyst
Oliver Wyman, New York, NY, Summer Consultant Intern
Penn Medicine, Philadelphia, PA, Research Assistant
PMC Property Group, Philadelphia, PA, Marketing/ Analytics Intern
**Systems Engineering continued…**
SAAST, Philadelphia, PA, Residential Teaching Assistant
San Miguel Corporation, Manila, Philippines, Operations Intern
The Glenmede Trust Company, Philadelphia, PA, Information Systems Intern

**ENGINEERING DUAL DEGREES (BAS/BSE & MSE)**

**Bioengineering & Bioengineering (MSE)**
Auxogyn, Inc., Menlo Park, CA, Biomedical Engineer
eResearch Technology, Philadelphia, PA, Project Management Intern
Evans Heat Treating Company, Huntingdon Valley, PA, Heat treatment worker
J.P. Morgan Chase, New York, NY, Business Technology Analyst
Nirenberg Neuroscience, New York, NY, Programming Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania Litt Translational Neuroengineering Lab, Philadelphia, PA, Littlejohn Fellow

**Bioengineering & Mechanical Engineering & Applied Mechanics (MSE)**
MIT Lincoln Laboratory, Lexington, MA, Intern
Penn Medicine, Philadelphia, PA, Research Specialist

**Bioengineering & Robotics (MSE)**
Swiss Federal Institute of Technology, Lausanne, Position Not Provided

**Chemical and Biomolecular Engineering & Biotechnology (MB)**
Morphotek, Inc., Exton, PA, Intern

**Computer Engineering & Computer and Information Science (MSE)**
Epic Systems, Madison, WI, Software Research and Development Intern
Google, New York, NY, Software Engineering Intern
New York Times, New York, NY, User experience and Product research intern
Shopkick, Redwood City, CA, Engineering Intern

**Computer Engineering & Electrical Engineering (MSE)**
MC10 Inc, Cambridge, MA, Firmware and Algorithm Development Intern

**Computer Science & Bioengineering (MSE)**
University of Pennsylvania, Philadelphia, PA, international Genetically Engineered Machine Penn Team Member

**Computer Science & Computer Graphics and Game Technology**
VMware, Inc., Palo Alto, CA, MTS Intern, Graphics

**Computer Science & Computer and Information Science (MSE)**
Amazon, Seattle, WA, Software Development Engineer Intern
Contextlogic Inc., San Francisco, CA, Software engineer
Edmodo, Inc, San Mateo, CA, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineer Intern
Foursquare, New York, NY, Intern
Goldman Sachs, New York, NY, Technology Summer Analyst
Google, Mountain View, CA, Software Engineering Intern
J.P. Morgan Chase, Newark, DE, Application Developer Intern
Shopkick, Redwood City, CA, Software Engineering Intern
UBS, Hong Kong, Non-US, Summer Analyst
University of Pennsylvania, Philadelphia, PA, Research Assistant
ZocDoc, New York, NY, Software Engineer Intern
Computer Science & Embedded Systems (MSE)
EMBS, Y, Drexel University - VLSI Lab and DPAC Lab, Philadelphia, PA, REU Student Researcher

Digital Media Design & Computer Graphics and Game Technology (MSE)
Company Not Provided, Location Not Provided, Position Not Provided
Figma, Inc., Palo Alto, CA, Software Developer Intern
Goldman Sachs, New York, NY, Summer Technology Analyst
Google, Mountain View, CA, Software Development Intern
Google, Mountain View, CA, Software Engineering Intern
Google, Mountain View, CA, Software Engineering Intern
The Walt Disney Company, Glendale, CA, Creative Technology Intern
University of Pennsylvania, Philadelphia, PA, Computing Helpdesk Representative
Zynga, San Francisco, CA, Software Engineering Intern
Zynga, San Francisco, CA, Software Engineer Intern
Zynga, San Francisco, CA, Software Engineer Intern

Electrical Engineering & Electrical Engineering (MSE)
U.S. Army Research Lab, Adelphi, MD, RF Circuit Design Engineering Intern
University of Pennsylvania, Philadelphia, PA, Position Not Provided
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Undergraduate Research Assistant

Electrical Engineering & Systems Engineering (MSE)
Schlumberger, Houston, TX, Electrical Design for Manufacturability Intern

Materials Science and Engineering & Materials Science and Engineering (MSE)
Babcock Laboratories, Inc., Riverside, CA, Extractions Chemist
Barclays, New York, NY, Technology Summer Analyst
Johnson and Johnson, New Brunswick, NJ, Global Technical Services for Parenteral, Liquids, Creams and Transdermals Dept.
Intern
W.L. Gore & Associates, Elkton, MD, Associate
ZF Lenksysteme, Schwaebsch Gmuend, Germany, Position Not Provided

Material Science and Engineering & Mechanical Engineering and Applied Mechanics (MSE)
Gotham Ventures, New York, NY, Intern
University of Pennsylvania, Philadelphia, PA, Littlejohn Summer Fellow - Research Assistant

Mechanical Engineering and Applied Mechanics & Mechanical Engineering and Applied Mechanics (MSE)
Agilent Technologies, Wilmington, DE, Mechanical Engineering Intern
Boeing Company, Huntington Beach, CA, Utilities and Energy Conservation Intern
Camp Stella Maris, Livonia, NE, Adventure Director
Commerzbank AG, Frankfurt, Non-US, Position Not Provided
Creative Engineering, LLC, Bronxville, NY, Intern Design Engineer
First Quality Retail Services, King of Prussia, PA, Product Development Intern
Graphene Frontiers LLC, Philadelphia, PA, Intern
MakerBot Industries, Brooklyn, NY, Process Engineering Intern
Modular Robotics Lab, Philadelphia, PA, Position Not Provided
NASA, Greenbelt, MD, Position Not Provided
Northrop Grumman, San Diego, CA, Design and Analysis Intern
Parametric, Philadelphia, PA, Mechanical Designer
Ripple Design, Philadelphia, PA, Mechanical Engineering Intern
Soft Robotics Inc., Boston, MA, Mechanical Engineering & Fabrication Intern
Transcriptic, Menlo Park, CA, Mechatronics Intern
University of Pennsylvania, Philadelphia, PA, Littlejohn Fellow
University of Pennsylvania, Philadelphia, PA, Independent Study
University of Pennsylvania, Philadelphia, PA, Fabrication Research Assistant

Mechanical Engineering and Applied Mechanics & Integrated Product Design (MSE)
Amuneal Manufacturing Corp, Philadelphia, PA, Intern
Company Not Provided, Location Not Provided, Position Not Provided
Mechanical Engineering and Applied Mathematics & Robotics (MSE)
Amazon, Seattle, WA, Software Development Engineer
CyPhy Works, Danvers, MA, Intern
iRobot Corporation, Bedford, MA, Intern
Nestle, Dubai, Non-US, Packaging Design Intern
Space Exploration Technologies, Hawthorne, CA, Integration and Test Intern
Tesla Motors, Fremont, CA, DVT Test Engineering Intern
Walt Disney Company, Lake Buena Vista, FL, Show Mechanical Engineering Intern

Mechanical Engineering and Applied Mathematics & Systems Engineering (MSE)
Audi AG, Ingolstadt, Germany, Engineering Intern
Lockheed Martin, Sunnyvale, CA, Systems Engineering Intern
Micro Interventional Devices Inc., Newtown, PA, Research and Development Intern
Micro Interventional Devices Inc., Newtown, PA, Research and Development Intern

Systems Engineering & Systems Engineering (MSE)
Barclays, New York, NY, Summer Analyst
Dorsey Wright and Associates, Richmond, VA, Intern
Mars & Co, Greenwich, CT, Associate Consultant Intern
Pfizer, Groton, CT, Intern

Systems Engineering & Robotics (MSE)
Revelwood Inc., Parsippany, NJ, Market Research Intern

ENGINEERING DOUBLE MAJORS

Computer Engineering & Electrical Engineering
Amazon, Seattle, WA, Software Development Engineer Intern

ENGINEERING & CAS

United States Navy, Norfolk, VA, Midshipman 1st Class

Computer Science & Mathematics
Goldman Sachs, New York, NY, Summer Analyst

ENGINEERING & WH

Applied Science – Biomedical Science & Finance
HSBC, Hong Kong, Summer Analyst

Applied Science – Biomedical Science & Marketing and Management
Mondelez International, East Hanover, NJ, Summer Brand Assistant

Applied Science – Computer Science & Accounting
Accel Partners, Palo Alto, CA, Summer Analyst

Applied Science – Computer Science & Accounting and Finance
Citigroup, New York, NY, Sales & Trading Summer Analyst

Applied Science – Computer Science & Business Economics and Public Policy
Citadel, Chicago, IL, Financial Technology Associate Program Intern
Applied Science – Computer Science & Finance
Citigroup, New York, NY, Summer Analyst
Morgan Stanley, Menlo Park, CA, Analyst
Pacific Crest Securities, San Francisco, CA, Summer Analyst
Goldman Sachs, New York, NY, Summer Analyst

Applied Science – Computer Science & Finance and Operations and Information Management
Harvest Fund Advisors, Wayne, PA, Investment Analyst

Applied Science – Computer Science & Finance and Management
Goldman Sachs, London, United Kingdom, Summer Analyst
Podium Data, Lowell, MA, Software Engineering Intern
Silver Lake Partners, Menlo Park, CA, Summer Analyst

Applied Science – Computer Science & Finance and Statistics
Silver Point Capital, Greenwich, CT, Summer Analyst

Applied Science – Computer Science & Management
IBM, New York, NY, Consultant Intern

Applied Science – Computer Science & Statistics
Jane Street Capital, New York, NY, Trader
Nest Labs, Palo Alto, CA, Business Analytics Intern

Bioengineering & Finance
Amgen, Thousand Oaks, CA, Finance Intern
BlackRock, Princeton, NJ, Summer Analyst
Citigroup, New York, NY, Summer Analyst

Bioengineering & Management
Bioengineering, N, Genentech, San Francisco, CA, Operational Planning Intern

Bioengineering & Management and Healthcare Management and Policy
University of Pennsylvania - LRSM, Philadelphia, PA, Research Assistant

Bioengineering & Management and Marketing
Oxitec Ltd, Oxford, United Kingdom, Business Analyst
Simon-Kucher & Partners, New York, NY, Associate Consultant

Chemical and Biomolecular Engineering & Finance
Credit Suisse, New York, NY, Summer Analyst

Computer Engineering & Management
American Express, New York, NY, Digital Commerce Intern

Computer Science & Finance
American Express, New York, NY, Summer Digital Strategy Analyst
Microsoft, Redmond, WA, Program Manager Intern
Palantir Technologies, New York, NY, Embedded Analyst
Siltstone Capital, New York, NY, Private Equity Analyst

Computer Science & Finance and Management
McKinsey & Company, New York, NY, Summer Business Analyst
Morgan Stanley, Menlo Park, CA, Investment Banking Summer Analyst
Nest Labs, Palo Alto, CA, Program Management Intern
Computer Science & Finance and Operation and Information Management
Goldman Sachs, New York, NY, Summer Analyst
Spot Trading LLC, Chicago, IL, Trading Intern

Computer Science & Finance and Statistics
Morgan Stanley, Menlo Park, CA, Summer Analyst
Palantir Technologies, Palo Alto, CA, Forward Deployed Engineer

Computer Science & Management and Real Estate
Resource Real Estate, Philadelphia, PA, Summer Acquisitions Analyst

Computer Science & Marketing and Operations and Information Management
Microsoft, Redmond, WA, Program Manager

Computer Science & Operations and Information Management
BTG Pactual, New York, NY, Equity Research Summer Analyst
Citadel, New York, NY, Financial Technology Associate

Computer Science & Statistics
Bloomberg LP, New York, NY, Software Engineering Intern
Palantir Technologies, Palo Alto, CA, Forward Deployed Engineer Intern

Computer Science & Undecided
Microsoft, Seattle, WA, Program Manager Intern

Electrical Engineering & Finance
AQR Capital Management, Greenwich, CT, Summer Research Analyst
General Motors Advanced Technical Center Israel, Herzlyia, Israel, Business Analyst
The Blackstone Group, New York, NY, Summer Analyst

Materials Science and Engineering & Finance
Capital One, Washington, DC, Business Analyst
Deloitte Consulting, New York, NY, Analyst
GCA Savvian, San Francisco, CA, Summer Analyst
Morgan Stanley, New York, NY, Market Risk Summer Analyst

Material Science and Engineering & Finance and Management
Ares Management, Los Angeles, CA, Summer Analyst
Credit Suisse, San Francisco, CA, Summer Analyst
The Blackstone Group, Menlo Park, CA, Summer Analyst

Materials Science and Engineering & Finance and Marketing
KKR, New York, NY, Summer Analyst

Materials Sciences and Engineering & Management
Morgan Stanley, New York, NY, Summer Analyst

Mechanical Engineering and Applied Mechanics & Finance
Blackstone Group, New York, NY
Goldman Sachs, Houston, TX
Guggenheim Securities, New York, NY

Mechanical Engineering and Applied Mechanics & Management
Bessemer Venture Partners, Larchmont, NY

Mechanical Engineering and Applied Mechanics & Marketing
Hasbro, Pawtucket, RI
Systems Engineering & Finance
Barclays, New York, NY, Summer Analyst
Morgan Stanley, Hong Kong, China, Summer Analyst
Morgan Stanley, Menlo Park, CA, Investment Banking Summer Analyst
Principal Maritime Management LLC, Southport, CT, Summer Analyst

Systems Engineering & Finance and Accounting
Morgan Stanley, New York, NY, Investment Banking Summer Analyst

Systems Engineering & Finance and Management
Goldman Sachs, Houston, TX, Summer Analyst

Systems Engineering & Operations and Information Management
McKinsey & Company, Philadelphia, PA, Summer Business Analyst
Yodle, Inc, Redwood City, CA, Product Management Intern

ENGINEERING DOUBLE MAJOR (BASE/BSE) & WHARTON

Systems Engineering & Computer Science & Operations and Information Management and Finance
Self-Employed, Location Not Provided, Founder

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

Electrical Engineering & Robotics (MSE) & Mechanical Engineering and Applied Mechanics
Google, Santa Clara, CA, GSOC Student

Mechanical Engineering and Applied Mechanics & Robotics (MSE) & Electrical Engineering
University of Maryland, College Park, PA, Research Assistant

ENGINEERING DUAL DEGREE (BAS/BSE & MSE) & WHARTON

Computer Engineering & Computer and Information Science (MSE) & Finance and Management
Intel Corporation, Santa Clara, CA, Graduate Software Engineering Intern

Computer Science & Computer and Information Science (MSE) & Finance and Operations and Information Management
Citigroup, Hong Kong, Non-US, Trading Intern