Overview

In 2016, Career Services surveyed SEAS Master’s Candidates from the Class of 2017 to gather information about their summer experiences. Information was obtained for 339 (70.3%) of the 482 Master’s candidates pursuing full-time studies and expected to receive degrees in August 2016, December 2016, and May 2017.

In all sections of this report, average salaries were calculated based on students working within the United States. The overall average monthly salary for SEAS Master’s Candidates employed full-time was $4,462, a slight increase over 2015. 79% of candidates reported receiving their internship offer in the spring semester of 2017. Of those respondents that reported summer employment, Technology, Manufacturing and Education (including Research Laboratories) were the top three industries combined, at 73%. Within Manufacturing, 60% of those employed were in Electronics/Robotics and Biomedical Products/Pharmaceuticals. The most common job types were Technology (42%) and Engineering (33%); of the 33% in Engineering, 56% were involved in Research & Development.

Prepared by: Jamie Grant, Associate Director  
May 2017

Methodology

A complete list of Master’s students expected to graduate in August 2016, December 2016 or May 2017 was provided by the School of Engineering and Applied Science. Students were invited by email and in weekly newsletter messages to complete the Summer Career Experiences Survey. In addition, employment data was collected from the SEAS Research and Academic Services Office through Curricular Practical Training requests as well as through research on LinkedIn.

Total Number of Responses: 339 (70.3% of the anticipated Class)
Total Number of Respondents Reporting Internship/Research Endeavors: 298

*Salary calculations include only those reporting U.S.-based employment

How Respondents Identified Opportunities

Includes all respondents with paid or unpaid internships or research endeavors, within the U.S. and Abroad

Monthly Salary by Major

Includes all Full-time Respondents employed in the U.S. who reported salary

<table>
<thead>
<tr>
<th>Major</th>
<th>#</th>
<th>Average</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering</td>
<td>6</td>
<td>$2,873</td>
<td>$2,700</td>
<td>$1,200 - $5,200</td>
</tr>
<tr>
<td>Biotechnology (MB)</td>
<td>4</td>
<td>$2,905</td>
<td>$2,850</td>
<td>$1,440 - $4,480</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering</td>
<td>2</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Computer &amp; Information Science</td>
<td>35</td>
<td>$5,896</td>
<td>$6,560</td>
<td>$2,000 - $9,000</td>
</tr>
<tr>
<td>Computer &amp; Information Technology (MCIT)</td>
<td>26</td>
<td>$5,280</td>
<td>$5,620</td>
<td>$2,400 - $7,500</td>
</tr>
<tr>
<td>Computer Graphics &amp; Game Technology</td>
<td>9</td>
<td>$3,189</td>
<td>$3,200</td>
<td>$1,900 - $4,440</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>11</td>
<td>$4,136</td>
<td>$4,200</td>
<td>$1,000 - $6,500</td>
</tr>
<tr>
<td>Embedded Systems</td>
<td>18</td>
<td>$4,955</td>
<td>$5,120</td>
<td>$1,800 - $9,000</td>
</tr>
<tr>
<td>Integrated Product Design</td>
<td>8</td>
<td>$2,738</td>
<td>$2,600</td>
<td>$1,280 - $5,120</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>3</td>
<td>$2,933</td>
<td>$2,400</td>
<td>$2,400 - $4,000</td>
</tr>
<tr>
<td>Mechanical Eng. &amp; Applied Mechanics</td>
<td>11</td>
<td>$3,971</td>
<td>$3,696</td>
<td>$1,600 - $6,800</td>
</tr>
<tr>
<td>Nanotechnology</td>
<td>4</td>
<td>$3,762</td>
<td>$4,000</td>
<td>$1,540 - $5,509</td>
</tr>
<tr>
<td>Robotics</td>
<td>11</td>
<td>$4,277</td>
<td>$4,320</td>
<td>$1,200 - $6,770</td>
</tr>
<tr>
<td>Scientific Computing</td>
<td>3</td>
<td>$4,167</td>
<td>$4,800</td>
<td>$2,500 - $5,200</td>
</tr>
<tr>
<td>Systems Engineering</td>
<td>8</td>
<td>$4,008</td>
<td>$3,480</td>
<td>$2,000 - $6,667</td>
</tr>
</tbody>
</table>
### Full-time Employed Respondents by Job Type

*Includes respondents working globally, with and without reported salaries (With Engineering Breakdown)*

![Pie chart showing job type distribution]

### Monthly Salary by Job Type

*Includes all full-time employed respondents working in the U.S. who reported salary*

<table>
<thead>
<tr>
<th>Job Type</th>
<th>Average</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications (2)</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Data Analyst/Statistician (6)</td>
<td>$4,307</td>
<td>$3,920</td>
<td>$2,000 - $7,400</td>
</tr>
<tr>
<td>Energy/Environment (5)</td>
<td>$4,884</td>
<td>$4,320</td>
<td>$3,500 - $6,800</td>
</tr>
<tr>
<td>Engineering, Overall (50)</td>
<td>$3,926</td>
<td>$4,063</td>
<td>$1,000 - $9,000</td>
</tr>
<tr>
<td>Design (4)</td>
<td>$3,388</td>
<td>$3,560</td>
<td>$1,600 - $4,833</td>
</tr>
<tr>
<td>Manufacturing/Production (8)</td>
<td>$2,940</td>
<td>$2,280</td>
<td>$1,000 - $6,500</td>
</tr>
<tr>
<td>Project Management (3)</td>
<td>$4,804</td>
<td>$5,452</td>
<td>$3,200 - $5,760</td>
</tr>
<tr>
<td>Quality Assurance (4)</td>
<td>$4,725</td>
<td>$4,700</td>
<td>$4,000 - $5,500</td>
</tr>
<tr>
<td>Research &amp; Development (28)</td>
<td>$4,087</td>
<td>$4,143</td>
<td>$1,200 - $9,000</td>
</tr>
<tr>
<td>Systems (2)</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Testing (1)</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Information Technology, Overall (81)</td>
<td>$5,201</td>
<td>$5,580</td>
<td>$1,540 - $9,000</td>
</tr>
<tr>
<td>Product Designer (1)</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Program Manager (2)</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Software Developer/Engineer (65)</td>
<td>$5,371</td>
<td>$5,600</td>
<td>$1,900 - $9,000</td>
</tr>
<tr>
<td>Tech. Artist/Dire./Game Dev. (3)</td>
<td>$3,788</td>
<td>$4,000</td>
<td>$3,200 - $4,165</td>
</tr>
<tr>
<td>Technical Trainer (1)</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Technology Analyst (6)</td>
<td>$6,168</td>
<td>$6,037</td>
<td>$5,800 - $6,667</td>
</tr>
<tr>
<td>Web Designer Developer (3)</td>
<td>$3,244</td>
<td>$3,333</td>
<td>$2,400 - $4,000</td>
</tr>
<tr>
<td>Marketing (2)</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Scientific Research (7)</td>
<td>$2,527</td>
<td>$2,450</td>
<td>$1,200 - $4,480</td>
</tr>
</tbody>
</table>

*Single salaries/salary ranges of two respondents not reported.*
**Full-Time Employed Respondents by Industry**

*Includes respondents working globally, with and without reported salaries*

*(With Manufacturing Breakdown)*

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**Monthly Salary by Industry**

*Includes all Full-time Employed Respondents employed in the U.S. who reported salary*

<table>
<thead>
<tr>
<th>Industry</th>
<th>Average</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications (4)</td>
<td>$3,671</td>
<td>$4,083</td>
<td>$2,200 - $4,320</td>
</tr>
<tr>
<td>Consulting (3)</td>
<td>$3,767</td>
<td>$3,500</td>
<td>$3,360 - $4,440</td>
</tr>
<tr>
<td>Education: For Profit Education (1)</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Education: Research Labs/Centers (17)</td>
<td>$1,962</td>
<td>$1,920</td>
<td>$1,400 - $2,560</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities (4)</td>
<td>$4,825</td>
<td>$4,500</td>
<td>$3,500 - $6,800</td>
</tr>
<tr>
<td>Financial Services (15)</td>
<td>$5,125</td>
<td>$5,000</td>
<td>$2,400 - $6,667</td>
</tr>
<tr>
<td>Government: U.S. National Laboratories (3)</td>
<td>$4,255</td>
<td>$4,126</td>
<td>$3,840 - $4,800</td>
</tr>
<tr>
<td>Healthcare: Hospitals (5)</td>
<td>$1,814</td>
<td>$1,600</td>
<td>$1,200 - $2,800</td>
</tr>
<tr>
<td>Manufacturing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aerospace (2)</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Automotive (4)</td>
<td>$5,034</td>
<td>$5,452</td>
<td>$3,696 - $5,760</td>
</tr>
<tr>
<td>Biomedical Product Pharmaceuticals (10)</td>
<td>$3,226</td>
<td>$3,240</td>
<td>$1,200 - $5,520</td>
</tr>
<tr>
<td>Computer Products – Hardware (6)</td>
<td>$4,850</td>
<td>$4,400</td>
<td>$3,000 - $9,000</td>
</tr>
<tr>
<td>Electronics/Robotics (12)</td>
<td>$4,135</td>
<td>$4,180</td>
<td>$1,000 - $6,000</td>
</tr>
<tr>
<td>Other (1)</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing Overall (36)</td>
<td>$4,150</td>
<td>$4,200</td>
<td>$1,000 - $9,000</td>
</tr>
<tr>
<td>Technology (71)</td>
<td>$5,499</td>
<td>$6,000</td>
<td>$1,900 - $9,000</td>
</tr>
</tbody>
</table>

*Single salaries/ salary ranges of two respondents not reported.*
159 students who self-identified as non-U.S. citizens reported being employed in an internship; of those, 83% reported working within the United States in summer 2016.

### Locations of Internships

**Within the United States:**

- **Southwestern**:
  - 2
- **Midwest**:
  - 7
- **Northeast**:
  - 1

**International:**

- **China**: 25 students
- **Japan**: 2 students
- **India, Israel, Jordan, Taiwan, United Arab Emirates, United Kingdom (each)**: 1 student

### Date Received Offer

*Includes full-time paid and unpaid respondents*

<table>
<thead>
<tr>
<th>When Offer Was Received</th>
<th>Percentage of Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2016</td>
<td>12.4%</td>
</tr>
<tr>
<td>January 2017</td>
<td>2.4%</td>
</tr>
<tr>
<td>February 2017</td>
<td>9.1%</td>
</tr>
<tr>
<td>March 2017</td>
<td>21.5%</td>
</tr>
<tr>
<td>April 2017</td>
<td>26.8%</td>
</tr>
<tr>
<td>May 2017</td>
<td>19.6%</td>
</tr>
<tr>
<td>June 2017 or later</td>
<td>8.1%</td>
</tr>
<tr>
<td></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>
### Employers with Most Offers Accepted

*Includes full-time, part-time, paid and unpaid respondents*

<table>
<thead>
<tr>
<th>Employer</th>
<th>Offers Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penn</td>
<td>34</td>
</tr>
<tr>
<td>Amazon</td>
<td>10</td>
</tr>
<tr>
<td>Google</td>
<td>6</td>
</tr>
<tr>
<td>Audible</td>
<td>4</td>
</tr>
<tr>
<td>Barclays</td>
<td>3</td>
</tr>
<tr>
<td>Gridless Power</td>
<td>3</td>
</tr>
<tr>
<td>Intel</td>
<td>2</td>
</tr>
<tr>
<td>Swift Capital</td>
<td>2</td>
</tr>
<tr>
<td>Amazon Robotics</td>
<td>2</td>
</tr>
<tr>
<td>Apple</td>
<td>2</td>
</tr>
<tr>
<td>Bank of America</td>
<td>2</td>
</tr>
<tr>
<td>Capital One</td>
<td>2</td>
</tr>
<tr>
<td>Comcast</td>
<td>2</td>
</tr>
<tr>
<td>DreamWorks</td>
<td>2</td>
</tr>
<tr>
<td>Ericsson</td>
<td>2</td>
</tr>
<tr>
<td>Infratek Solutions</td>
<td>2</td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>2</td>
</tr>
<tr>
<td>Keriton</td>
<td>2</td>
</tr>
<tr>
<td>National Instruments</td>
<td>2</td>
</tr>
<tr>
<td>OPEX Corporation</td>
<td>2</td>
</tr>
<tr>
<td>Sony</td>
<td>2</td>
</tr>
<tr>
<td>SRI International</td>
<td>2</td>
</tr>
<tr>
<td>Toyota InfoTechnology Center, U.S.A., Inc.</td>
<td>2</td>
</tr>
</tbody>
</table>
Positions Reported By Program of Study

Includes all employed - full-time, part-time, paid and unpaid respondents

Bioengineering

BD Medical, Franklin Lakes, NJ, Summer Research Associate, R&D Core Technologies: Medication and Procedural Solutions
Canon U.S. Life Sciences, Rockville, MD, R&D Engineering Intern
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant
IDC Herzliya, Herzliya, Israel, Research Intern, Zvi Meitar Institute
Jana Care, Boston, MA, R&D Intern, Research and Development
Johns Hopkins University, Center for Language and Speech Processing, Baltimore, MD, Grad Student Researcher,
Third Frederick Jelinek Memorial Summer Workshop
Penn Presbyterian Medical Center, Philadelphia, PA, Research Assistant, Trauma Department
Penn Rehabilitation Robotics Lab, Philadelphia, PA, Research Assistant
PrecisionGx, Philadelphia, PA, Data Analyst Intern
Putnam Associates, Boston, MA, Associate Consultant Intern
Regeneron Pharmaceuticals, Inc., Tarrytown, NY, Graduate Intern, Skeletal Diseases
Temasek, Shanghai, China, Associate Intern
Teva Pharmaceuticals, West Chester, PA, Biologics R&D Intern, Global Bioassays and Technology
Transcriptic, Menlo Park, CA, Application Intern, Applications
University of Pennsylvania, Philadelphia, PA, Researcher/Laboratory Technician
University of Pennsylvania, Philadelphia, PA, Research Assistant, Department of Surgery
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant, Radiology
Vecna, Cambridge, MA, Electrical Engineering Intern

Biotechnology (MB)

AstraZeneca, Newark, DE, Formulation Intern
Eightfold LLC, Philadelphia, PA, Entrepreneurial Research Associate
GlaxoSmithKline, King of Prussia, PA, Investigator, Mechanistic Safety & Disposition, Immunological Toxicology
Hospital of the University of Pennsylvania, Philadelphia, PA, Research Assistant
Janssen Pharmaceutical Companies of Johnson & Johnson, Titusville, NJ, Title Not Disclosed, Project Management Organization,
Neuroscience Integrated Solutions
Pfizer, New York, NY, Regulatory Summer Student, Pfizer Essential Health Regulatory Affairs
Thermo Fisher Scientific, South San Francisco, CA, Intern II - Molecular Biology, Genetic Analysis R&D
Turret Capital, New York, NY, Summer Analyst
TUV Rheinland, Beijing, China, Assistant, Medical Devices
University of Pennsylvania, Translational Research Laboratory, Philadelphia, PA, Research Assistant, CNB
University of Pennsylvania, Translational Research Laboratory, Philadelphia, PA, Research Assistant, Department of Psychiatry
University of Pennsylvania, Translational Research Laboratory, Philadelphia, PA, Research Assistant

Chemical & Biomolecular Engineering

Accenture, Shanghai, China, Summer Strategy Intern
National Center for Sustainable Development, Washington, DC, Project Analyst, CBE
Sensons International, Haddon Heights, NJ, Product Engineer, Engineering
SINOPEC, Nanjing, China, Engineer
University of Pennsylvania, Philadelphia, PA, Lab Assistant, Chemical and Biomolecular Engineering

Computer & Information Science

A9 (An Amazon Company), Palo Alto, CA, United States, Software Development Intern
Addepar, Mountain View, CA, United States, Software Engineering Intern
Amazon, Location Not Disclosed, United States, Software Development Engineer in Test Intern
Amazon, Boston, MA, United States, Machine Learning Scientist Intern, Alexa Team
Amazon, Seattle, WA, United States, Software Development Engineer Intern
Amazon, Seattle, WA, United States, Software Development Engineer Intern, Amazon Web Services
Apple, Cupertino, CA, United States, Siri Intern, Siri
Audible, an Amazon company, Newark, NJ, United States, Software Development Engineer Intern, Technology
Audible, an Amazon company, Newark, NJ, United States, Software Development Engineer Intern, Technology
Autodesk, San Francisco, CA, United States, Named Entity Extractor for Master Data Enrichment, Data Engineering,
Enterprise Data Management, GCSO
Bank of America, Charlotte, NC, United States, Technology Developer Intern
Barclays Capital, New York, NY, United States, Front Office Java Developer, Front Office
BioDigital, New York, NY, United States, Software Engineer Intern
Blend Labs, San Francisco, CA, United States, Software Engineer Intern
continued next page...
Computer & Information Science, continued
Capital One, McLean, VA, Software Engineering Intern, Digital Engineering
Cisco, San Jose, CA, College Intern
DreamWorks Animation, Los Angeles, CA, Database Administrator Intern, Digital Operations
Ericsson, Bellevue, WA, Software Development Intern
Facebook, Menlo Park, CA, Software Engineer Intern
Facebook, Menlo Park, CA, Technical Program Manager, Infrastructure
GE Medical Systems (China) Co., Ltd., Jiangsu, China, Summer Intern
GoBabe, LLC, Philadelphia, PA, Software Engineer Intern
Goldman Sachs, Location Not Disclosed, Summer Technology Analyst
Goldman Sachs, New York, NY, Finance Data Engineering Summer Intern
Google, New York, NY, Software Engineering Intern, Google Docs
HeavyWater, Inc., Philadelphia, PA, Software Engineer
Microsoft, Cambridge, MA, Software Engineer Intern
Microsoft, Redmond, WA, Software Engineer Intern, Windows & Devices Group
Nectar, Philadelphia, PA, iOS Developer
Oracle, Redwood City, CA, Summer Internship, Fusion Functional Setup
Palantir Technologies, Washington, DC, Forward-Deployed Software Engineer, Business Development
Qualtrics, Seattle, WA, Software Engineering Intern
Real Earth Inc., Pittsburgh, PA, Software Engineer
Synack, Redwood City, CA, Vulnerability Detection & Analysis Intern, Engineering
Termaxx LLC, Philadelphia, PA, Web Developer
Uber Technologies, Inc., San Francisco, CA, Software Engineer Intern, UberPOOL, Match Optimization Team
University of Pennsylvania, Philadelphia, PA, Big Data Engineer Intern, Positive Psychology Center
University of Pennsylvania, Philadelphia, PA, Front End Developer, Web Unit - Van Pelt Library
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant, Computer and Information Sciences
University of Pennsylvania, Philadelphia, PA, Research Assistant, SEAS
Yahoo! Inc., Sunnyvale, CA, Intern 2
Zynga, San Francisco, CA, Backend Software Engineering Intern, Slots Server Team

Computer & Information Technology (MCIT)
Alibaba Group, Guangzhou, China, Software Engineer, Alibaba Mobile Group – International Business Department
Amazon, Cambridge, MA, Software Development Engineer Intern
Amazon, Seattle, WA, Software Development Intern
Amazon, Seattle, WA, Software Development Engineer Intern
Amazon, Seattle, WA, Software Development Engineer Intern
Amazon, Seattle, WA, Software Development Engineer Intern, Alexa Team
Amazon, Seattle, WA, Software Development Engineer Intern, Amazon Web Services
Athenahealth, Austin, TX, Software Developer Summer Intern
Audible, an Amazon company, Cambridge, MA, Software Development Engineer Intern
Audible, an Amazon company, Newark, NJ, Software Development Engineer Intern
Barclays Capital, New York, NY, Summer Technology Analyst, Technology
BlackRock, Inc., New York, NY, Summer Analyst, Technology
BlackRock, Inc., San Francisco, CA, Technology Analyst, Software
Colabination, Philadelphia, PA, Web Development Intern
Ericsson, Piscataway, NJ, Software Development Intern
FANUC America Corporation, Rochester Hills, MI, Associate Engineer
GlobeHealer, LLC, Philadelphia, PA, Software Developer Intern
Google, Mountain View, CA, Software Engineer Intern
Google, New York, NY, Software Engineering Intern
Gridless Power Corporation, Collingswood, NJ, Software Engineering Intern
Gridless Power Corporation, Collingswood, NJ, Software Engineering Intern
HeavyWater, Inc., Philadelphia, PA, Software Engineer
Infratek Solutions, Inc., Princeton Junction, NJ, UI Developer
Jornaya (previously known as LeadID), Ambler, PA, Software Engineering Intern, Software Engineering
Juniper Networks, Inc., Sunnyvale, CA, Software Engineer Intern
Make School, San Francisco, CA, Instructor
Microsoft, Redmond, WA, Program Manager
OSC Technologies, LLC, Dedham, MA, Software Developer Intern
Quantlab Group, Houston, TX, Software Engineer Intern
Silicon Studio, Tokyo, Japan, Data Scientist Intern, Data Science
continued next page...
Computer & Information Technology (MCIT), continued
Silver Spring Networks, San Jose, CA, Software Engineering Intern, Software Engineering
suninfo, Xi’an, China, Web Developer Intern, Data Security Department
Swift Capital, Conshohocken, PA, Software Development Intern, Technology
Swift Capital, Philadelphia, PA, Machine Learning Engineer
Swift Capital, Philadelphia, PA, Software Development Engineering Intern, DevOps
WellSheet, Inc., Philadelphia, PA, Software Engineer Intern

Computer Graphics & Game Technology
Adaptive Engines / Big Bright Monster, Philadelphia, PA, Software Engineer Intern
DreamWorks Animation, Glendale, CA, Department Technical Director Intern
Epic Games, Cary, NC, Tools Programmer
HeavyWater, Inc., Philadelphia, PA, Software Development Intern
HeavyWater, Inc., Philadelphia, PA, Software Engineer Intern
HeavyWater, Inc., Philadelphia, PA, Software Engineer
IBM US, Dublin, OH, Software Developer Intern
Perfect World Co., Ltd., Beijing, China, Graphics Engine Trainee
Prologue Immersive, Los Angeles, CA, VR Game Design & Experience Intern
Sony Computer Entertainment America LLC, San Mateo, CA, Graphics Engineer Intern, R&D
Sony Interactive Entertainment America, San Diego, CA, Presentation Engineer Intern
University of Pennsylvania, Center for Human Modeling and Simulation, Philadelphia, PA, Graduate Student Researcher

Electrical Engineering
AT&T, Plano, TX, Technical Intern, AT&T Foundry
Bank of America Merrill Lynch, New York, NY, Summer Associate
Barn Owl LLC, Colorado Springs, CO, Product Engineer
China Automotive Technology & Research Center, Tianjin, China, Engineer, Research and Development Department
China International Capital Corp., Chengdu, China, Summer Analyst, Investment Banking
Comcast/NBCUniversal, New York, NY, Technology Strategy Intern, Wholesale
Digital Media Academy, Philadelphia, PA, Instructor
Intel Corporation, Allentown, PA, SoC Design Engineer, Front End Verification
Intel Corporation, Santa Clara, CA, Hardware Engineer, New Devices
JGC Corporation, Yokohama, Japan, Electrical Intern, Electrical Engineering
L-3 Communication Systems East, Camden, NJ, Intern, Hardware Engineering, Hardware Engineering
Livin Life, Inc., San Jose, CA, Electrical Engineer Lead
NextEra Energy, Miami, FL, Summer College Intern
Nokia/Alcatel Lucent USA, Naperville, IL, LTE IoT Intern, LTE Integration and Testing
OPEX Corporation, Moorestown, NJ, Electrical Engineer, Electrical Engineering
Schneider Electric, City Not Disclosed, China, Hardware Development Intern
University of Pennsylvania, Philadelphia, PA, Teaching Assistant

Embedded Systems
Analytical Flavor Systems, State College, PA, Data Science Intern
Apple, Cupertino, CA, Firmware Engineer, Advanced Technologies
Infratek Solutions, Inc., Princeton Junction, NJ, Robotics Engineer Intern
Intel Corporation, Hillsboro, OR, Software Engineer Intern, Software and Services Group
Libring, Inc., Cambridge, MA, Software Developer Intern
Lutron Electronics, Coopersburg, PA, Embedded Software Engineer Intern, Engineering
MediaMath, New York, NY, Software Engineer Intern, Engineering
Microsoft, Redmond, WA, Software Engineer Intern, HoloLens
National Instruments, Austin, TX, Embedded Systems Software Engineer Intern
National Instruments, Austin, TX, Embedded Systems Software Engineer Intern, LabVIEW real-time OS
Real Time Innovations, Inc., Sunnyvale, CA, Software Engineer Intern
RSAE Labs, Inc., Philadelphia, PA, C++ Embedded Systems Programmer
Silicon Labs, Boston, MA, Application Engineer
Silver Spring Networks, San Jose, CA, Firmware Intern, Firmware
SRI International, Menlo Park, CA, Embedded Software, Advanced Technology and Systems Division
SRI International, Princeton, NJ, Student Associate, Vision & Learning Group
Stanford Linear Accelerator Center, Palo Alto, CA, IoT/Machine Learning Intern, Applied Programs
Toyota InfoTechnology Center, Mountain View, CA, Intern, Autonomous Vehicle Prototyping using OS Virtualization
Toyota InfoTechnology Center, Mountain View, CA, Research Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant, SEAS
Winnieware LLC, Philadelphia, PA, Software Developer Intern
Integrated Product Design
Assetmark, Inc., Concord, CA, UX Design Intern, Marketing
Formlabs, Somerville, MA, Mechanical Engineer
Gensler, Washington, DC, Architectural Intern
IDEO, Palo Alto, CA, Mechanical Engineer/Toy Inventor Intern
Keriton, LLC, Philadelphia, PA, Product Design Intern
Lexicon Branding, Sausalito, CA, Intern
MassThinker, Shanghai, China, UX Design Intern, User Interface Division
Penn Medicine, Philadelphia, PA, IS Project Coordinator, Information Services
Smith Optics, Portland, OR, Design Engineer, Product Creation
University of Pennsylvania, Philadelphia, PA, 3D Design Intern, Biomedical Library
University of Pennsylvania, Philadelphia, PA, Graphic Designer Intern, Office of Fraternity and Sorority Life
University of Vermont Medical Center, Burlington, VT, Innovation + Design Intern, hiCOlab

Materials Science & Engineering
3M China, Shanghai, China, Intern, Electronic Materials Solution Division
Brookhaven National Laboratory, Upton, NY, Summer Student Collaborator (SULI Program), Center for Functional Nanomaterials
HeavyWater, Inc., Philadelphia, PA, Product Development Sprint Team Member
Hundsun Technologies Inc., Hangzhou, China, Assistant Engineer
Lightning Packs, LLC, Strafford, PA, Engineering Intern
McKinsey Consulting, Shanghai, China, Summer Research Analyst
Polysciences, Inc., Warrington, PA, Quality Control Analyst
University of Pennsylvania, Philadelphia, PA, Research Assistant

Mechanical Engineering & Applied Mechanics
Alcoa, New Kensington, PA, Process Modeling R&D Intern, Alcoa Technical Center
Amazon Robotics, North Reading, MA, Hardware Engineering Intern, Hardware Engineering
BOE Technology Group Co., Ltd., Beijing, China, Intern
Burns Engineering, Inc., Philadelphia, PA, Engineering Intern, Facilities and Infrastructure
Children's Hospital of Philadelphia, Philadelphia, PA, Student Lab Assistant, Center for Injury Research and Prevention
Children's Hospital of Philadelphia, Philadelphia, PA, AddLab Intern Coordinator, Mechanical Engineering & Applied Mechanics
City of Philadelphia, Philadelphia, PA, Intern, Energy Office
Cummins Inc., Columbus, IN, Applied Mechanics Intern, Systems Engineering Analysis and Solutions
Dagmy Motors, New York, NY, Mechanical Engineering Intern
DJI, Shenzhen, China, Summer Intern, Research and Development Department
Eaton, Location Not Disclosed, Engineering & Technology Intern
Enterprise Products, Houston, TX, Engineer, Development Rotational Program, Process Technology
Gooool Tech, Shenzhen, China, Algorithm Intern
Gridless Power Corporation, Collingswood, NJ, Mechanical Engineering Intern
IBeeHub Inc., New York, NY, Analyst Intern
Northrop Grumman Corporation, New Town, ND, Production Intern - Aerospace Systems
Roche Tissue Diagnostics, Location Not Disclosed, R&D Intern, Advanced Systems Group
RoyalDutchShell, Houston, TX, Rotating Engineering Intern, Rotating Equipment
Schaeffler North America, Troy, MI, Application Engineering Intern, Research & Development, Variable Cam Shaft Timing (Electrical)
Seeder Clean Energy, Shanghai, China, Solar Project Engineer Intern
Synopsys Inc., Hsinchu, Taiwan, Software Engineer Intern
UNICEF, Amman, Jordan, Knowledge Management Intern, Water, Sanitation, and Hygiene (WASH)
University of Pennsylvania, Philadelphia, PA, Graduate Student Fellow, Quattrone Nanofabrication Lab, Singh Center
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Researcher - Kodlab
University of Pennsylvania, Philadelphia, PA, Research Assistant, GRASP Lab
University of Pennsylvania, Philadelphia, PA, Research Assistant, Institute of Biomedical Informatics, Perelman School of Medicine
University of Pennsylvania, Philadelphia, PA, Research Assistant, Mechanical Engineering & Applied Mechanics
University of Pennsylvania, Philadelphia, PA, Thermal Modelling Intern, Department of Astronomy and Astrophysics
Vision13, a subsidiary of Mad Labs Industries, North Aurora, IL, Leadership Development Program Intern,
Volvo Buses, India, Bangalore, India, Full time Intern, Tool Design
Woodward, Santa Clarita, CA, Engineering Intern, Engineering
**Nanotechnology**  
Capital One, McLean, VA, Associate Software Engineer, Technology  
GLOBALFOUNDRIES, Malta, NY, Physical Failure Analysis Intern, Materials Lab  
PARC, a Xerox company, Palo Alto, CA, Hardware Systems Lab Intern, Hardware  
Suzhou Institute of Nanotech and Nanobionics, Chinese Academy of Science, Suzhou, China, Researcher  
University of Pennsylvania, Philadelphia, PA, Graduate Student Fellow, Singh Center for Nanotechnology  
University of Pennsylvania, Philadelphia, PA, Graduate Student Fellow, Singh Center for Nanotechnology  
University of Pennsylvania, Philadelphia, PA, Web Developer, Penn Digital Scholarship Team, Price Lab for Digital Humanities  

**Robotics**  
Alta Motors, Brisbane, CA, Robotics Intern  
Amazon Robotics, Boston, MA, Software Engineering Intern, Software  
Army Research Lab, Aberdeen, MD, Researcher, Manipulation and Mobility Unit in the Autonomous Systems Division  
Carnegie Robotics, Pittsburgh, PA, Mechanical Engineering Intern, Mechanical Engineering  
Choosito!, Philadelphia, PA, Machine Learning Scientist  
Comcast/NBCUniversal, Philadelphia, PA, Mechanical Engineering Intern, Hardware  
COSY, Philadelphia, PA, Research Assistant  
drive.ai, Mountain View, CA, Software Engineer  
Evolve IP, Wayne, PA, Voice Engineering Intern, Voice Engineering  
FARO Technologies, Exton, PA, Software Engineer Intern, R&D  
Goldman Sachs, New York, NY, Summer Analyst  
Google, London, United Kingdom, Software Engineer Intern  
Google, Mountain View, CA, Hardware Engineering Intern  
Google, Mountain View, CA, Software Engineering Intern  
Gorman Cardiovascular Research Group, Philadelphia, PA, Research Specialist, Surgery  
Intuitive Surgical Inc., Sunnyvale, CA, Electrical Engineer Intern, New Product Development  
Keriton, LLC, Philadelphia, PA, Robotics Engineer Intern, Software Development  
Neighborhood, San Francisco, CA, Data Science Intern  
OPEX Corporation, Moorestown, NJ, Engineering Intern  
Qualcomm, Philadelphia, PA, Software and Controls Intern  
Tesla, Fremont, CA, Project Engineer, Manufacturing and Assembly  
University of Delaware, Newark, DE, Research Assistant, Biomedical Engineering  
University of Pennsylvania, Philadelphia, PA, Graduate Research Assistant, GRASP Lab  
University of Pennsylvania, Philadelphia, PA, Research Assistant, GRASP Lab  

**Scientific Computing**  
Applied Predictive Technologies, Washington, DC, Quality Assurance Engineer  
Bell Curve Capital LP, Philadelphia, PA, Data Analytics Researcher  
Johns Hopkins University, Bloomberg School of Public Health, Baltimore, MD, Research Assistant, Biostatistics  
Los Alamos National Laboratory, Los Alamos, NM, Research Intern, National Security Education Center  

**Systems Engineering**  
Anbang Insurance Group, New York, NY, Summer Associate, Real Estate  
Barclays Capital, New York, NY, Technology Analyst, Technology  
Castle Placement, New York, NY, Investment Banking Intern  
Celgene, Berkeley Heights, NJ, IT Intern, Information Technology  
Detecton Consulting, Nanjing, China, Associate Consultant, Sales & Marketing Department  
Discover Financial Services, New Castle, DE, Analytics Associate Intern, Analytics  
HC Technologies, LLC, Chicago, IL, Quantitative Trading Intern  
Huawei Technologies, Shenzhen, China, Summer Analyst, Finance  
KPMG China, Beijing, China, Intern  
Morgan Stanley, New York, NY, Summer Technology Analyst, Operations and Compliance Technology  
Multilateral Investment Guarantee Agency, Washington, DC, Summer Intern  
PwC, Dubai, United Arab Emirates, Summer Consultant  
Siemens, Albany, NY, Senior Technical Intern, PTI  
Stieler Management Consulting, Shanghai, China, Summer Analyst, Consulting  
Systems, Planning, and Analysis Inc., Alexandria, VA, Systems Analyst, Undersea Technology Assessment Group  
Unilever, Shanghai, China, Finance Summer Intern, Finance  
University of Pennsylvania, Philadelphia, PA, Python Programmer for Data Analysis, the Wharton School  
University of Pennsylvania, Philadelphia, PA, Research Assistant, Political Science