Overview

In 2015, Career Services surveyed SEAS Master’s Candidates from the Class of 2016 to gather information about their summer experiences. Information was obtained for 327 (60.6%) of the 539 Master’s candidates pursuing full-time studies and expected to receive degrees in August 2015, December 2015, and May 2016.

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 $4,435, an increase of 6.5% over 2014. 92.5% of candidates received their 2015 summer employment offers before May 2015. Of those respondents that reported summer employment, Technology, Manufacturing and Financial Services were the top three industries combined, at 68%. Within Manufacturing, 48% of those employed were in Electronics/Robotics and Biomedical Products/Pharmaceuticals. The most common job types were Information Technology (48%) and Engineering (32%); of the 32% in Engineering, 53% were involved in Manufacturing/Production.

Prepared by: Jamie Grant, Associate Director
March 2016

Methodology

A complete list of Master’s students expected to graduate in August 2015, December 2015 or May 2016 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: 327 (60.6% of the anticipated Class)
Total Number of Respondents Reporting Internship/Research Endeavors: 273
Of those, 229 reported time commitment:

<table>
<thead>
<tr>
<th>Full-time Employed (including Research)</th>
<th>Part-Time Employed (including Research)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Respondents (paid and unpaid) = 218</td>
<td>Number of Respondents (paid and unpaid) = 11</td>
</tr>
<tr>
<td>Number reporting salary* = 174</td>
<td>Number reporting salary* = 6</td>
</tr>
<tr>
<td>Average Full-time Monthly Salary = $4,435</td>
<td>Average Part-time Monthly Salary = $1,017</td>
</tr>
<tr>
<td>Full-time Monthly Salary Range = $520 - $12,400</td>
<td>Part-time Monthly Salary Range = $500 - $1600</td>
</tr>
</tbody>
</table>

*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

![Circle diagram showing the percentage of respondents identifying opportunities through various methods]

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

<table>
<thead>
<tr>
<th>Major</th>
<th>#</th>
<th>Average Monthly</th>
<th>Monthly Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering</td>
<td>5</td>
<td>$3,635</td>
<td>$1,500 - $6,500</td>
</tr>
<tr>
<td>Biotechnology (MB)</td>
<td>11</td>
<td>$2,258</td>
<td>$1,200 - $4,000</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering</td>
<td>3</td>
<td>$2,900</td>
<td>$1,600 - $5,500</td>
</tr>
<tr>
<td>Computer &amp; Information Science</td>
<td>48</td>
<td>$5,652</td>
<td>$520 - $8,400</td>
</tr>
<tr>
<td>Computer &amp; Information Technology (MCIT)</td>
<td>20</td>
<td>$5,663</td>
<td>$2,000 - $12,400</td>
</tr>
<tr>
<td>Computer Graphics &amp; Game Technology</td>
<td>6</td>
<td>$4,125</td>
<td>$2,100 - $6,500</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>11</td>
<td>$3,125</td>
<td>$1,450 - $6,000</td>
</tr>
<tr>
<td>Embedded Systems</td>
<td>9</td>
<td>$5,369</td>
<td>$3,600 - $6,500</td>
</tr>
<tr>
<td>Integrated Product Design</td>
<td>5</td>
<td>$4,404</td>
<td>$1,500 - $7,500</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>4</td>
<td>$3,785</td>
<td>$1,500 - $7,000</td>
</tr>
<tr>
<td>Mechanical Eng. &amp; Applied Mechanics</td>
<td>17</td>
<td>$3,678</td>
<td>$920 - $7,500</td>
</tr>
<tr>
<td>Nanotechnology</td>
<td>4</td>
<td>$2,265</td>
<td>$900 - $4,800</td>
</tr>
<tr>
<td>Robotics</td>
<td>12</td>
<td>$3,153</td>
<td>$1,520 - $6,500</td>
</tr>
<tr>
<td>Systems Engineering</td>
<td>19</td>
<td>$4,287</td>
<td>$1,400 - $8,500</td>
</tr>
</tbody>
</table>
### Full-time Employed Respondents by Job Type

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

### 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 Monthly</th>
<th>Monthly Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting (5)</td>
<td>$4,950</td>
<td>$2,500 - $6,500</td>
</tr>
<tr>
<td>Engineering (56)</td>
<td>$3,050</td>
<td>$520 - $7,500</td>
</tr>
<tr>
<td>Design (6)</td>
<td>$3,267</td>
<td>$1,500 - $6,000</td>
</tr>
<tr>
<td>Manufacturing/Production (30)</td>
<td>$3,006</td>
<td>$900 - $7,500</td>
</tr>
<tr>
<td>Project Management (3)</td>
<td>$3,200</td>
<td>$2,160 - $3,840</td>
</tr>
<tr>
<td>Quality Assurance (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Research &amp; Development (15)</td>
<td>$2,853</td>
<td>$520 - $6,500</td>
</tr>
<tr>
<td>Systems (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Finance/Financial Services (4)</td>
<td>$8,975</td>
<td>$7,500 - $12,400</td>
</tr>
<tr>
<td>Information Technology, Overall (94)</td>
<td>$5,259</td>
<td>$2,000 - $8,400</td>
</tr>
<tr>
<td>Data Analyst/ Administrator (20)</td>
<td>$4,726</td>
<td>$2,000 - $8,400</td>
</tr>
<tr>
<td>Network Engineer (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Product Designer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Program Manager (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Software Developer/Engineer (43)</td>
<td>$5,522</td>
<td>$2,000 - $8,400</td>
</tr>
<tr>
<td>Systems Engineer Analyst (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical Director (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology Analyst (21)</td>
<td>$5,899</td>
<td>$3,400 - $7,083</td>
</tr>
<tr>
<td>Web Designer Developer (3)</td>
<td>$3,553</td>
<td>$2,500 - $4,960</td>
</tr>
<tr>
<td>Management/Administration (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Marketing (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Other (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Scientific Research (7)</td>
<td>$1,823</td>
<td>$1,400 - $2,400</td>
</tr>
</tbody>
</table>

*Single salaries/ salary ranges of two respondents not reported.
### Full-Time Employed Respondents by Industry
*Includes all respondents with and without salaries (With Manufacturing Breakdown)*

![Pie Chart showing industry distribution]

### 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 Monthly</th>
<th>Monthly Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Consulting (9)</td>
<td>$4,101</td>
<td>$2,448 - $6,500</td>
</tr>
<tr>
<td>Design (3)</td>
<td>$3,833</td>
<td>$1,500 - $7,500</td>
</tr>
<tr>
<td>Education: Higher Education (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Education: Research Labs/Centers (28)</td>
<td>$1,840</td>
<td>$520 - $6,000</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Financial Services (29)</td>
<td>$5,849</td>
<td>$3,400 - $8,500</td>
</tr>
<tr>
<td>Government: U.S. National Laboratories (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Healthcare: Hospitals (3)</td>
<td>$2,167</td>
<td>$1,600 - $2,500</td>
</tr>
<tr>
<td>Legal Services (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aerospace (4)</td>
<td>$4,890</td>
<td>$3,660 - $5,500</td>
</tr>
<tr>
<td>Automotive (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Biomedical Product Pharmaceuticals (8)</td>
<td>$3,602</td>
<td>$1,600 - $4,736</td>
</tr>
<tr>
<td>Chemicals/Gases (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Computer Products – Hardware (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Electronics/Robotics (5)</td>
<td>$3,468</td>
<td>$1,520 - $5,420</td>
</tr>
<tr>
<td>Other (6)</td>
<td>$3,943</td>
<td>$1,600 - $6,500</td>
</tr>
<tr>
<td>Manufacturing Overall (28)</td>
<td>$3,947</td>
<td>$920 - $6,500</td>
</tr>
<tr>
<td>Non-Profits (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Other (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Retail/Wholesale (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology (64)</td>
<td>$5,407</td>
<td>$2,000 - $8,400</td>
</tr>
</tbody>
</table>

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

Within the United States:

International:

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>22</td>
</tr>
<tr>
<td>France, India, Singapore (each)</td>
<td>1</td>
</tr>
</tbody>
</table>

157 students who self-identified as non-U.S. citizens reported being employed full- or part-time; of those, 81.5% reported working within the United States in summer 2015.

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>Before January 2015</td>
<td>16.9%</td>
</tr>
<tr>
<td>January 2015</td>
<td>4.3%</td>
</tr>
<tr>
<td>February 2015</td>
<td>14.1%</td>
</tr>
<tr>
<td>March 2015</td>
<td>19.2%</td>
</tr>
<tr>
<td>April 2015</td>
<td>21.6%</td>
</tr>
<tr>
<td>May 2015</td>
<td>16.4%</td>
</tr>
<tr>
<td>June 2015 or later</td>
<td>7.5%</td>
</tr>
</tbody>
</table>

92.5% of full-time employed students received their summer internship offer by May 2015.
### Employers with Most Offers Accepted
*Includes full-time, part-time, paid and unpaid respondents*

<table>
<thead>
<tr>
<th>Employer</th>
<th>Offers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penn</td>
<td>37</td>
</tr>
<tr>
<td>Amazon</td>
<td>13</td>
</tr>
<tr>
<td>JPMorgan Chase &amp; Co.</td>
<td>7</td>
</tr>
<tr>
<td>Barclays and Comcast</td>
<td>5</td>
</tr>
<tr>
<td>Facebook</td>
<td>4</td>
</tr>
<tr>
<td>Bank of America, Merrill Lynch</td>
<td>3</td>
</tr>
<tr>
<td>Bayer, Bosch, CapitalOne, Google, Oracle, TSMC</td>
<td>3</td>
</tr>
<tr>
<td>The Children's Hospital of Philadelphia, Deloitte, Intel, SevOne, SpaceX, Wayfair</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
Bayer, Pittsburgh, PA, Verification and Validation Engineering Co-op Student, Healthcare - R&D - New Product Development
Children's Hospital of Philadelphia, Philadelphia, PA, Research Technician, Anesthesiology and Critical Care Medicine
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant, Genetics
Cincinnati Children's Hospital, Cincinnati, OH, Student II, Critical Care
Coalition For Queens, New York, NY, Technology Fellow/Intern
PwC, New York, NY, Summer Associate
Smiths Medical, St. Paul, MN, Program Management Intern, Program Management Office
University of Pennsylvania, Philadelphia, PA, Research Assistant
Valo Group, LLC, Philadelphia, PA, Summer Analyst

Biotechnology (MB)
Bayer, Beijing, China, Global Regulatory Affair Intern, Healthcare
Booz Allen Hamilton, Arlington, VA, Innovation Intern
Decision Resources Group, Yardley, PA, Summer Intern, Global Consulting Services
Genentech, South San Francisco, CA, Pharma Technical Regulatory Biologics Technical Regulatory Team Program Management Intern
HEMAO Investment, Shen Zhen, China, Foreign Currency Trader, Investment Group
New York Stem Cell Foundation, New York, NY, Intern, NYSCF Lab
NIFDC (Chinese National Institutes for Food and Drug Control), Beijing, China, Researcher
Norton Healthcare, Louisville, KY, Strategic and Business Planning Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Penn Presbyterian Medical Center, Philadelphia, PA, Research Coordinator, Ophthalmology
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, Graduate Researcher, Orthopaedic Surgery
University of Pennsylvania, Perelman School of Medicine, Center for Clinical Epidemiology and Biostatistics, Philadelphia, PA, Research Assistant
University of Pennsylvania, Perelman School of Medicine, Department of Geriatrics, Philadelphia, PA, Graduate Research Assistant
University of Pennsylvania, Perelman School of Medicine, Penn Gene Targeting Core, Philadelphia, PA, Research Assistant
University of Pennsylvania, School of Dental Medicine, Philadelphia, PA, Student Researcher
Wistar Institute, Philadelphia, PA, Research Assistant

Chemical & Biomolecular Engineering
CDH Investments, Beijing, China, Summer Analyst, Private Equity
China HUANQIU Contracting & Engineering Corporation, Beijing, China, Intern
Evonik, Calvert City, KY, Summer Professional Enrichment Intern, Business Line Catalysts
Micromeritics Instrument Corporation, Norcross, GA, Student Intern, Product Development
Nanova Biomaterials Inc., Columbia, MO, Engineering Intern
Southern Raytai, Shenzhen, China, Industry Analyst, Innovation Fund Research Center

Computer & Information Science
AllianceBernstein L.P., New York, NY, Software Development Intern
Amazon, Boston, MA, Software Development Engineer Intern
Amazon, San Francisco, CA, Software Development Intern, Software
Amazon, Seattle, WA, Software Engineer, International Expansion
Amazon, Seattle, WA, Software Development Engineer Intern, Prime
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer Intern, Technology
Applecart, Philadelphia, PA, Senior Software Developer Intern
AT&T, Middletown, NJ, Software Developer Intern
Avaya Corporation, Billerica, MA, Software Engineer, IT Innovations
Bank of America Merrill Lynch, Jersey City, NJ, Engineering Intern, Global Wealth and Investment Management Technology
Barclays, New York, NY, Technology Analyst, Infrastructure Services
Barclays, New York, NY, Summer Technology Analyst, Technology
Barclays, New York, NY, Technology Summer Analyst, Technology
Barclays, New York, NY, Summer Technology Analyst, Web Portal
Bloomberg LP, New York, NY, Software Development Intern, R&D
campusSIMs, Boston, MA, Software Engineer, Software Development
DNV GL, Mechanicsburg, PA, Software Engineer Intern
DotAlign Inc., New York, NY, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Facebook, Menlo Park, CA, Software Engineering Intern, Ads Identity Platform
Facebook, Menlo Park, CA, Software Engineering Intern, Protect and Care
Facebook, Menlo Park, CA, Software Engineer Intern, Technology

continued next page....
Computer & Information Science (continued)
Goldman Sachs, Jersey City, NJ, Analyst
Goldman Sachs, Jersey City, NJ, Summer Technology Analyst, Critical Infrastructure Engineering
Goldman Sachs, New York, NY, Summer Intern, Commodities
Goldman Sachs, New York, NY, Technology Summer Analyst, Technology
Goldman Sachs, New York, NY, Technology Summer Analyst, Technology, Enterprise Platforms
Google, Mountain View, CA, Software Engineering Intern, Adwords Express
Google, Mountain View, CA, Software Engineering Intern, Google Photos
Google, Mountain View, CA, Software Engineer Intern, Software Engineering
Intel, Hillsboro, OR, Software Quality Assurance Engineer, Data Center Group
Investment Technology Group, New York, NY, Summer Analyst, POS/IT Crossing
J.P. Morgan Chase & Co., New York, NY, Application Developer
J.P. Morgan Chase & Co., Wilmington, DE, Technology Summer Analyst
Janssen Research & Development, LLC, Spring House, PA, PDMS Data Scientist Intern, PDMS
Juniper Networks, Westford, MA, Software Engineering Intern, Data Support Automation
MongoDB, New York, NY, Software Engineering Intern
Oracle, Redwood, CA, Software Engineer Intern, Enterprise Manager - Emas Middleware Analytics Cost Center Group
Oracle, Santa Clara, CA, Summer Intern, Oracle Solaris Studio Cloud
SevOne, Inc., Wilmington, DE, Systems Engineer Intern, Research and Development
SevOne, Inc., Wilmington, DE, Systems Programmer Intern, R&D
Symantec Corporation, Mountain View, CA, Software Engineering Intern
Synack, Inc., Redwood City, CA, Research Engineer, Engineering
talkIQ, San Francisco, CA, Software Engineer Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
Upthere, Palo Alto, CA, Technical Intern, IOS/Mac OS/Data Science
Wayfair LLC, Boston, MA, Engineering Intern, Product and Marketing
Wayfair LLC, Boston, MA, Software Engineering Intern, Warehouse Management Team

Computer & Information Technology (MCIT)
Amazon, Seattle, WA, Software Developer, Prime
Amazon, Seattle, WA, Software Development Engineer 1
Amazon, Seattle, WA, Software Development Engineer Intern, Amazon Fulfillment Technologies
Amazon, Seattle, WA, Software Development Engineer Intern
Bank of America Merrill Lynch, Hopewell, NJ, Summer Analyst
Bank of America Merrill Lynch, New York, NY, Global Markets Technology Intern
Castleton Commodities International, Houston, TX, Intern, IT Department
Cedars-Sinai Medical Center, Los Angeles, CA, Summer Research Intern, Biomedical Science
Comcast, Philadelphia, PA, Software Engineer Intern, Technology and Product
Comcast, Philadelphia, PA, Software Engineering Intern, Technology and Products
Comcast, Philadelphia, PA, Software Engineering Intern, Xfinity Home
De Mobo LLC, San Francisco, CA, Software Engineer Intern
GoBabl, LLC, Philadelphia, PA, Software Engineer Intern
Goldman Sachs, New York, NY, Technology Summer Analyst
Goldman Sachs, New York City, NY, Technology Summer Analyst, Sales Technology - Business Intelligence Team
Goodwin Procter LLP, Menlo Park, CA, Summer Associate, Business Law Department
J.P. Morgan Chase & Co., Newark, DE, Technology Summer Analyst
J.P. Morgan Chase & Co., Newark, DE, Technology Summer Intern
Microsoft Corporation, Redmond, WA, Program Manager Intern, Bing Search
MIT Lincoln Laboratory, Lexington, MA, Summer Research Student, Division 10
Morgan Stanley, New York, NY, Technology Summer Analyst, Technology & Data
RingCentral, Belmont, CA, Platform Product Manager, Platform Team
Rion Software, Shanghai, China, Software Developer Intern
The Mathworks, Natick, MA, Software Engineer, Control Design Automation
Veeva Systems, Pleasanton, CA, Software Engineer Intern
Yes Bank, India, Technology and Solutions Intern

Computer Graphics & Game Technology
Amazon, Seattle, WA, Software Development Engineer Intern, Consumer Website
Intel, Santa Clara, CA, Software Engineer Intern, Visual Parallel Computing Group
Netease Co., Hangzhou, China, Game Designer Intern
Prologue Films, Los Angeles, CA, Virtual Reality Technical Director Intern
Sony Computer Entertainment America, San Mateo, CA, Graphics Software Engineer, R&D
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, Summer Researcher, Computer Graphics and Game Technology
Electrical Engineering
ABB High Voltage Switchgear Co. Ltd., Beijing, China, Summer Intern, HVC - Technical and Services
Alibaba Group, Hangzhou, China, Software Developer in Testing, TAobao Technology and Quality Department
Cinda Capital, Beijing, China, Investment Assistant
CITIC Securities, Beijing, China, Summer Analyst
Comcast, Mount Laurel, NJ, Network Engineer I, Engineering and Platform Services
Freescale Semiconductor, Austin, TX, Engineer Intern
J.P. Morgan Chase & Co., Wilmington, DE, Technology Analyst
Lenovo, Shanghai, China, Software Engineer, EBG
PTC, Exton, PA, Software Engineer
ShangRong Inc., Beijing, China, Software Engineer, Big Data Development Group
University of Pennsylvania, Computing and Educational Technology Services, Philadelphia, PA, Assistant System Administrator
University of Pennsylvania, High Energy Physics Lab, Philadelphia, PA, Research Assistant, Astrophysics Department
University of Pennsylvania, High Energy Physics Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania, High Energy Physics Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania, School of Arts and Sciences, Philadelphia, PA, Research Assistant, Physics
University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, Research Assistant, Computer and Information Science
Viscardi Resources, Philadelphia, PA, Web Developer

Embedded Systems
Amazon, Seattle, WA, Software Developer Engineer, Freight Consolidation
Amazon, Seattle, WA, Software Development Engineer Intern, Amazon Fulfillment Technologies
Bentley Systems, Philadelphia, PA, Intern, Software
Bosch, Pittsburgh, PA, Technical Communications Specialist Intern, Research and Technology Center - UPA Team
Opex Corporation, Moorestown, NJ, Software Development Engineering Intern
Oracle, Cambridge, MA, Software Engineer Intern
Taser International, Inc., Seattle, WA, Software Developer Intern
Tassl, Camden, NJ, Intern
Thingworx, Exton, PA, Hardware and Software Integration Intern, Thingworx Ready Team
XILINX, SAN JOSE, CA, Software Engineer Intern, Software and IP Group (SIPG)

Integrated Product Design
Capital One, New York City, NY, Design Thinking Intern, Design Thinking
Comcast, Philadelphia, PA, Industrial Design Intern, UX
Farmivore, New York, NY, Product and User Experience Intern, IPD
IDEO, San Francisco, CA, Venture Design, Futures
Muuaaa Design Studio, San Juan, PR, Designer/ Project Architect, Design
Philadelphia Game Lab, Philadelphia, PA, UI & Interaction Designer
Rokk3r Labs, Miami, FL, Design Intern, User Experience
University of Pennsylvania, Perelman School of Medicine, The Rehabilitation Robotics Lab, Philadelphia, PA, Research Assistant, Healthcare Robotics

Materials Science & Engineering
China Citic Bank, Xi’an, China, Sales Assistant, Sales
DuPont China R&D Center, Shanghai, China, Research Assistant, DuPont Performance Polymers
GT Advanced Technologies, San Jose, CA, Engineering Intern
Microsoft Corporation, Redmond, WA, Strategic Sourcing Intern, Microsoft Supply Chain
SunEdison Semiconductor, St. Peters, MO, Intern, QSR
Taiwan Semiconductor Manufacturing Company, Taichung, Taiwan, Process Engineer Intern, Lithography
Taiwan Semiconductor Manufacturing Company, Tainan, Taiwan, Process Engineer Intern, CVD
Taiwan Semiconductor Manufacturing Company, Tainan, Taiwan, Process Intern
University of Pennsylvania, McKay Orthopaedic Research Laboratory, Philadelphia, PA, Research Assistant

Mechanical Engineering & Applied Mechanics
Autodesk, San Francisco, CA, User Workflows Research Intern, Personal Fabrication and Design, RCE (Reputation, Consumer, and Education)
BREAKFAST, New York, NY, Mechanical Engineering Intern, Engineering
Corning Incorporated, Taichung City, Taiwan, Summer Intern
Ekso Bionics, Richmond, CA, Mechanical Engineering Intern
EMD Millipore, Danvers, MA, Process Automation Engineering Intern, Mobius Engineering
Morgan Stanley, New York, NY, Summer Analyst, Sales and Trading
NASA Goddard Space Flight Center, Greenbelt, MD, Student Research Assistant, Propulsion
Northrop Grumman, Los Angeles, CA, Product Engineering Intern
Percolata, Palo Alto, CA, Mechanical Design Engineer Intern, Design Team
Phase One Design, Philadelphia, PA, Design Intern
Schlumberger, Cheyenne, WY, Field Engineer Intern, Cementing
Tait Towers, Lititz, PA, Summer Mechanical Designer

continued next page...
Mechanical Engineering & Applied Mechanics (continued)
Terracycle, Trenton, PA, Design Intern
The Boeing Company, Huntington Beach, CA, Utilities & Energy Conservation Student Engineer, Shared Services Group, Site Services
Transcriptic, Menlo Park, CA, Member of Technical Staff - Intern
University of Pennsylvania, Haptics Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania, ModLab, Philadelphia, PA, Lab Assistant/ Mechanical Designer/ Assembly Specialist
University of Pennsylvania, ModLab, Philadelphia, PA, Summer Researcher, Piccolissimo Project
University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, Lab Assistant
University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, Research Assistant, Mechanical Engineering and Applied Mechanics
Venmo, San Francisco, CA, IOS Developer
Volvo Group, Dublin, VA, Robotics and Automation Intern, Group Trucks Operations

Nanotechnology
CEA-Leti, Grenoble, France, Research Intern
J.P. Morgan Chase & Co., Newark, DE, Technology Analyst
SAP, Philadelphia, PA, Student Intern
Shell Eastern Trading, Singapore, Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant, Mechanical Engineering and Applied Mechanics (MEAM)
University of Pennsylvania, Orndic Lab- SAS, Philadelphia, PA, Research Assistant, SAS
University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, Research Assistant, CBE (Lee Group)
University of Pennsylvania, Singh Center for Nanotechnology, Philadelphia, PA, Researcher, GSF Program

Robotics
Beckman Coulter, Inc., Indianapolis, IN, Software Development Engineer, Research and Development
Bosch, Pittsburgh, PA, Machine Learning Intern, Research and Technology Center
Luvozo PBC, Washington, DC, Robotics R&D Engineer
PCH International Lime Lab, San Francisco, CA, Electrical and Firmware Design Intern
Soft Robotics Inc., Cambridge, MA, Mechanical Engineering Intern
Space Exploration Technologies, Hawthorne, CA, Vehicle Engineering Intern
Surgoise, Bethesda, MD, Mechanical Engineer Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Penn Medicine, Philadelphia, PA, Research Assistant, Department of Physical Medicine and Rehabilitation
University of Pennsylvania GRASP LAB- Modular Robotics Lab, Philadelphia, PA, Student Researcher, Mechanical Engineering and Applied Mechanics (MEAM)
University of Pennsylvania, GRASP Laboratory, Philadelphia, PA, Research Assistant
University of Pennsylvania, Perelman School of Medicine, The Rehabilitation Robotics Lab, Philadelphia, PA, Research Assistant, Robotics
University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, Research Assistant

Systems Engineering
AllianceBernstein L.P., New York, NY, Infrastructure Engineer, Technology and Operations
Barclays, New York, NY, Summer Technology Analyst
Brean Strategic Advisors, New York, NY, Intern
Capital One, Richmond, VA, Business Analyst Intern, Small Business Credit Card
Chatham Financial, Kennett Square, PA, Summer Analyst, Global Real Estate
Deloitte, New York, NY, Human Capital Summer Scholar, Human Capital, Organization Transformation & Talent
Deloitte, Philadelphia, PA, Business Technology Analyst Summer Scholar, Technology
DRW, Chicago, IL, Trading Analyst
Employer Not Disclosed, Location Not Disclosed, Title Not Disclosed
GE Securities, Nanchang, China, Operations
Goetzpartners, Beijing, China, M&A Analyst, Corporate Finance
Houlihan Lokey, New York, NY, Restructuring Investment Banking Summer Analyst
J.P. Morgan Chase & Co., Wilmington, DE, Technology Summer Analyst
LingoChamp (Lulishuo), Shanghai, China, Product Manager Intern
Lustick Consulting, Ardmore, PA, Data Analyst Intern
Nanjing LiveForest Information Technology Co., Ltd., Nanjing, China, Product Manager
PingAn Securities Company Ltd., Shanghai, China, Customer Manager
PROS, Houston, TX, Product Development Intern
PwC, Philadelphia, PA, Technology Consultant
Space Exploration Technologies, Hawthorne, CA, Avionics Integration Intern
Tesla Motors, Palo Alto, CA, Closures Engineering Intern
The Dow Chemical Company, Shanghai, China, Supply Chain Summer Intern
University of Pennsylvania, PRECISE Center and GRASP Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania, The Wharton School, Philadelphia, PA, Research Assistant, Operations and Information Management
Urban Outfitters, Inc. (URBN), Philadelphia, PA, Global Transportation & Logistics Planning Intern, Logistics Planning
Verizon, Basking Ridge, NJ, Supply Chain Intern