Each year, Career Services surveys SEAS Master’s degree candidates to learn of their post-graduation plans. This report includes data from students who graduated in August 2014, December 2014, and May 2015. Information was obtained for 366 (72.6%) of the 504 Master’s candidates who received degrees.

267 (73%) of the graduating respondents reported accepting new full-time employment. Of these, 134 reported when they received their offer, 97.8% of which were received before May 2015. 133 full-time employed graduates reported how they identified their opportunity, 44% of which were a direct result of Career Services-related resources and leads.

Manufacturing and technology continue to be the top employment sectors for graduates, at 63% combined. In all sections of this report, average salaries include respondents who indicated they were beginning full-time employment in the United States; overall average salary for SEAS Master’s respondents beginning full-time employment was $88,917, an increase of 4.3% from 2014.

The percentage of Master’s candidates pursuing additional studies decreased 33% from 2014; of the 35 students committed to continued study, 68.5% were enrolling in doctoral programs, 20% in additional Master’s level coursework, and 11% in medicine.

Prepared by: Jamie Grant, Associate Director, March 2015
SECTION I – ANALYSIS OF FULL-TIME EMPLOYED RESPONDENTS

Top Employers
(Table includes both respondents beginning full-time employment and those continuing current employment)

<table>
<thead>
<tr>
<th>Organization</th>
<th>Number Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle</td>
<td>17</td>
</tr>
<tr>
<td>Amazon</td>
<td>12</td>
</tr>
<tr>
<td>Penn</td>
<td>11</td>
</tr>
<tr>
<td>Accenture</td>
<td>6</td>
</tr>
<tr>
<td>Google</td>
<td>5</td>
</tr>
<tr>
<td>IHS Markit</td>
<td>4</td>
</tr>
<tr>
<td>Microsoft</td>
<td>3</td>
</tr>
<tr>
<td>NewsCred</td>
<td>2</td>
</tr>
</tbody>
</table>

*Including Arts & Sciences, School of Dental Medicine, Penn Law, Penn Medicine, Perelman School of Medicine, School of Social Policy and Practice, and the School of Engineering and Applied Science*
**Date Received Offer**

134 graduates who accepted new full-time employment reported the date they received the offer for the position they accepted. 55.2% of graduates in this report received their job offer before January 2015, and 97.8% received their offer by May 2015.

<table>
<thead>
<tr>
<th>Date Received Offer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before September 2014</td>
<td>13.4%</td>
</tr>
<tr>
<td>September 2014 - December 2014</td>
<td>41.8%</td>
</tr>
<tr>
<td>January 2015 - May 2015</td>
<td>42.6%</td>
</tr>
<tr>
<td>June 2015 or later</td>
<td>2.2%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**How Full-time Employed Respondents Received Their Job Offer**

133 graduates who accepted new full-time employment reported the resource by which they identified the opportunity accepted. Of those, 44% of offers received were directly resulting from Career Services-related resources and leads*.

<table>
<thead>
<tr>
<th>How Received Offer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Directly to Organization</td>
<td>37.6%</td>
</tr>
<tr>
<td>On-Campus Recruiting (OCR)*</td>
<td>25.6%</td>
</tr>
<tr>
<td>Other Career Services Leads*</td>
<td>9.8%</td>
</tr>
<tr>
<td>Previous Non-OCR Employer (summer internship not obtained through OCR, resulting in full-time offer)</td>
<td>9.8%</td>
</tr>
<tr>
<td>Previous OCR* (summer internship obtained through OCR, resulting in full-time offer)</td>
<td>8.2%</td>
</tr>
<tr>
<td>Department Contact</td>
<td>3.8%</td>
</tr>
<tr>
<td>Family/Friends/Contacts</td>
<td>3.0%</td>
</tr>
<tr>
<td>Other</td>
<td>2.2%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**Geographic Distribution of Employment**

*Outside the United States (17 total): China (10 total), India (1), Indonesia (1), Pakistan (1), Singapore (1), Taiwan (2), United Kingdom (1)
### Range and Average Number of Interviews per Employed Graduate

<table>
<thead>
<tr>
<th>Source of Interviews</th>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting (OCR) Interviews</td>
<td>1 - 20</td>
<td>3.7</td>
</tr>
<tr>
<td>Interviews Resulting from Career Services Leads (Career Day, Job Postings, PennLink)</td>
<td>1 – 17</td>
<td>3.7</td>
</tr>
<tr>
<td>Interviews on His or Her Own</td>
<td>1 – 55</td>
<td>5.8</td>
</tr>
<tr>
<td><strong>All Interviews Combined</strong></td>
<td>1 – 65</td>
<td>9.7</td>
</tr>
</tbody>
</table>

### Range and Average Number of Job Offers Received per Employed Graduate

<table>
<thead>
<tr>
<th>Source of Offers</th>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting Offers</td>
<td>1 – 5</td>
<td>1.7</td>
</tr>
<tr>
<td>Career Services Offers (Career Day, Email Postings, PennLink)</td>
<td>1 – 10</td>
<td>1.6</td>
</tr>
<tr>
<td>Offers from Sources other than OCR and Career Services</td>
<td>1 – 19</td>
<td>1.7</td>
</tr>
<tr>
<td><strong>All Offers Combined</strong></td>
<td>1 – 19</td>
<td>2.1</td>
</tr>
</tbody>
</table>
**SECTION II - ANALYSIS OF FULL-TIME RESPONDENT SALARIES: AVERAGES AND RANGES**

**Overall Salary & Additional Compensation**

48% of the candidates reporting acceptance of new, full-time employment in the United States in 2015 reported their salaries. The salary range for 2015 was $31,000 - $160,000, with the average being $88,917 (an increase of 4.3% from 2014). 54 graduates reported receiving sign-on bonuses, averaging $19,250; relocation assistance was reported by 64 graduates, averaging $6,600.

### Salary by Graduate Program (primary)

<table>
<thead>
<tr>
<th>Academic Program (Number of Respondents)</th>
<th>Average</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering (10)</td>
<td>$65,992</td>
<td>$40,000 - $85,000</td>
</tr>
<tr>
<td>Biotechnology (MBiotech) (6)</td>
<td>$76,700</td>
<td>$40,200 - $130,000</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Computer &amp; Information Science (27)</td>
<td>$103,037</td>
<td>$65,000 - $140,000</td>
</tr>
<tr>
<td>Computer &amp; Information Technology (MCIT) (13)</td>
<td>$99,846</td>
<td>$70,000 - $120,000</td>
</tr>
<tr>
<td>Computer Graphics &amp; Game Technology (14)</td>
<td>$93,000</td>
<td>$48,000 - $120,000</td>
</tr>
<tr>
<td>Electrical Engineering (9)</td>
<td>$97,833</td>
<td>$65,000 - $160,000</td>
</tr>
<tr>
<td>Embedded Systems (8)</td>
<td>$104,000</td>
<td>$78,000 - $115,000</td>
</tr>
<tr>
<td>Integrated Product Design (3)</td>
<td>$73,667</td>
<td>$60,000 - $100,000</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering (4)</td>
<td>$70,150</td>
<td>$31,000 - $105,000</td>
</tr>
<tr>
<td>Mechanical Engineering &amp; Applied Mech. (15)</td>
<td>$75,190</td>
<td>$55,100 - $93,750</td>
</tr>
<tr>
<td>Nanotechnology (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Robotics (11)</td>
<td>$85,318</td>
<td>$60,000 - $115,000</td>
</tr>
<tr>
<td>Systems Engineering (8)</td>
<td>$70,088</td>
<td>$60,000 - $75,500</td>
</tr>
</tbody>
</table>

**Overall (129)**

- **Average**: $88,917
- **Range**: $31,000 - $160,000

### Salary by Industry

<table>
<thead>
<tr>
<th>Industry (Number of Respondents)</th>
<th>Average</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications: Media/Entertainment (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Consulting (16)</td>
<td>$70,981</td>
<td>$40,000 - $85,000</td>
</tr>
<tr>
<td>Design (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Education: Elementary/Secondary Education (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Education: Higher Ed. Research Labs/Centers (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities (6)</td>
<td>$81,251</td>
<td>$70,000 - $105,000</td>
</tr>
<tr>
<td>Financial Services (9)</td>
<td>$83,889</td>
<td>$70,000 - $125,000</td>
</tr>
<tr>
<td>Government: Local (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Government: Federal (3)</td>
<td>$67,639</td>
<td>$62,000 - $77,917</td>
</tr>
<tr>
<td>Government: National/Associated Laboratories (4)</td>
<td>$77,400</td>
<td>$55,100 - $86,000</td>
</tr>
<tr>
<td>Healthcare: Hospital (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Legal Services (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Aerospace (5)</td>
<td>$80,540</td>
<td>$71,198 - $90,000</td>
</tr>
<tr>
<td>Manufacturing: Automotive (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Biomedical/Pharmaceuticals (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Consumer Products (3)</td>
<td>$68,500</td>
<td>$57,500 - $87,000</td>
</tr>
<tr>
<td>Manufacturing: Electronics/Robotics (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>All Manufacturing (14)</strong></td>
<td>$76,096</td>
<td>$56,000 - $93,750</td>
</tr>
<tr>
<td>Technology (64)</td>
<td>$102,156</td>
<td>$60,000 - $160,000</td>
</tr>
</tbody>
</table>

**Telecommunications (2)**

*Salary/Salaries not reported to maintain confidentiality, where there are two or fewer responses*
Salary by Job Type

<table>
<thead>
<tr>
<th>Job Type (Number of Respondents)</th>
<th>Average</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Consulting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management/Strategy (5)</td>
<td>$75,000</td>
<td>$65,000 - $85,000</td>
</tr>
<tr>
<td>Research (5)</td>
<td>$63,840</td>
<td>$40,000 - $75,000</td>
</tr>
<tr>
<td>Technology/Information Systems (5)</td>
<td>$75,100</td>
<td>$75,000 - $75,500</td>
</tr>
<tr>
<td><strong>Consulting Overall (15)</strong></td>
<td><strong>$71,313</strong></td>
<td><strong>$40,000 - $85,000</strong></td>
</tr>
<tr>
<td><strong>Education</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Energy/Environment</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design (4)</td>
<td>$74,002</td>
<td>$62,000 - $84,500</td>
</tr>
<tr>
<td>Manufacturing/Production (15)</td>
<td>$85,120</td>
<td>$55,100 - $115,000</td>
</tr>
<tr>
<td>Quality Assurance (5)</td>
<td>$88,800</td>
<td>$63,000 - $115,000</td>
</tr>
<tr>
<td>Research &amp; Development (12)</td>
<td>$81,742</td>
<td>$42,000 - $115,000</td>
</tr>
<tr>
<td>Systems (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Project Management (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Testing (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Engineering Overall (40)</strong></td>
<td><strong>$81,828</strong></td>
<td><strong>$42,000 - $115,000</strong></td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Management/Counsel (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Investment Banking Analyst (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Finance Overall (2)</strong></td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Information Technology</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Analyst/Administrator (5)</td>
<td>$78,800</td>
<td>$60,000 - $115,000</td>
</tr>
<tr>
<td>Network Engineer (3)</td>
<td>$78,333</td>
<td>$65,000 - $100,000</td>
</tr>
<tr>
<td>Product Designer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Program Manager (3)</td>
<td>$106,667</td>
<td>$105,000 - $110,000</td>
</tr>
<tr>
<td>Software Developer/Engineer (49)</td>
<td>$104,071</td>
<td>$65,000 - $160,000</td>
</tr>
<tr>
<td>Systems Engineer/Analyst (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical Artist/Game Developer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology Analyst (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Information Technology Overall (65)</strong></td>
<td><strong>$98,946</strong></td>
<td><strong>$60,000 - $160,000</strong></td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Business Development (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Other (1)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Scientific Research</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomedical (Other) (2)</td>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

*Salary/Salaries not reported to maintain confidentiality, where there are two or fewer responses*
SECTION III - ANALYSIS OF FULL-TIME EMPLOYMENT

<table>
<thead>
<tr>
<th>Industry</th>
<th>Number Employed</th>
<th>Industry</th>
<th>Number Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>116</td>
<td>Education</td>
<td>7</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>51</td>
<td>Healthcare</td>
<td>6</td>
</tr>
<tr>
<td>Consulting</td>
<td>33</td>
<td>Communications</td>
<td>5</td>
</tr>
<tr>
<td>Financial Services</td>
<td>18</td>
<td>Design</td>
<td>5</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities</td>
<td>12</td>
<td>Telecommunications</td>
<td>2</td>
</tr>
<tr>
<td>Government</td>
<td>8</td>
<td>Legal Services</td>
<td>1</td>
</tr>
</tbody>
</table>

**Full-time Employment by Industry**

*With Manufacturing Subchart*

- Technology: 44%
- Manufacturing: 19%
- Consulting: 12%
- Financial Services: 7%
- Energy/Natural Resources/Utilities: 5%
- Government: 3%
- Education: 3%
- Healthcare: 2%
- Communications: 2%
- Design: 2%
- Telecommunications: <1%
- Legal Services: <1%

**Full-time Employment by Industry: Manufacturing Subchart**

- Biomed, Products/Pharmaceuticals: 23%
- Aerospace: 12%
- Electronics/Robotics: 25%
- Other: 14%
- Automotive: 8%
- Computer Products - hardware: 8%
- Consumer Products: 6%
- Chemicals/Gases: 4%
### Full-time Employment by Job Type

#### With Engineering and Information Technology Subcharts

**Engineering**
- Design: 13%
- Project Management: 10%
- Quality Assurance: 10%
- Testing: 4%
- Construction: 1%
- Systems: 1%
- Other/Not Spec.: 2%
- Energy: 1%
- Management/Administration: 1%

**Information Technology**
- Consulting: 13%
- Scientific Research: 3%
- Financial Services: 2%
- Marketing: 2%
- Other/Not-specified: 2%
- Energy: 1%
- Management/Administration: 1%
- Education: <1%

**Full-time Employment by Job Type: Engineering**

**Full-time Employment by Job Type: Information Technology**

**Software Developer**
- Technology Analyst: 6%
- Analyst/Admin.: 6%
- Program Manager: 4%
- Network Engineer: 3%
- Systems Engineer/Analyst: 2%
- Web Design/Dev.: 2%
- Technical Director: 2%
- Tech. Artist/Game Dev.: 1%
- Technical Support Spec.: 1%
- Product Designer: 1%
Full-time Employment by Program of Study

Bioengineering

Accenture, Philadelphia, PA, **Business and Technology Integration Analyst**
Accenture, Philadelphia, PA, **Systems Integration Analyst**
Accenture, Philadelphia, PA, **Technology Analyst**
Alcimed, Princeton, NJ, **Consultant**
AlphaimpactRx, Horsham, PA, **Associate, Custom Research**
APX Labs, Herndon, VA, **Product Manager**
AstraZeneca, Gaithersburg, MD, **Global Technology Leadership Development Program**
Campbell Alliance, New York, NY, **Associate Consultant, Corporate Development**
CBPartners, New York, NY, **Analyst**
Dental Residency, Location to be determined, **Resident**
Globus Medical, Audubon, PA, **Project Engineer**
Gryphon Scientific, Takoma Park, MD, **Research Assistant, Applied Physical and Life Sciences**
Houlihan Lokey, Los Angeles, CA, **Financial Analyst**
ImCare Biotech, Doylestown, PA, **Biomedical Research Associate**
IMS Health China, Shanghai, China, **Researcher**
Janssen Pharmaceuticals, Spring House, PA, **Scientist I, Lead Discovery**
Medtronic, Brooklyn Center, MN, **Manufacturing Engineer**
U.S. Food and Drug Administration, Silver Spring, MD, **Electrical Engineer, Center for Devices and Radiological Health, Office of Device Evaluation, Cardiac Electrophysiology Devices Branch**
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, **Research Engineer, Orthopedic Surgery**
Wyss Institute, Boston, MA, **Microdevice Design Researcher**

Biotechnology

Accenture, Philadelphia, PA, **Management Consulting Development Program Analyst, Life Sciences, Products**
California Healthcom Group, Los Angeles, CA, **Research Analyst**
Campbell Alliance, New York, NY, **Associate Consultant, Corporate Development**
China Minsheng Investment, Shanghai, China, **Healthcare Investment Analyst**
Decision Resources Group, Yardley, PA, **Associate Consultant**
Decision Resources Group, Yardley, PA, **Associate Consultant**
Decision Resources Group, Parsippany, NJ, **Analyst**
Genentech, San Francisco, CA, **Manager, Commercial**
GlaxoSmithKline, Shanghai, China, **Rotational Trainee, Marketing/Sales**
Health Industries Research (HIRC), San Francisco, CA, **Market Research Analyst**
ICON, North Wales, PA, **Analyst**
IMS Consulting Group, Shanghai, China, **Business Analyst**
McNeil Consumer Healthcare, Wilmington, DE, **Scientific Product Coordinator**
MD Anderson Cancer Center, Houston, TX, **Medical Technologist**
Memorial Sloan Kettering Cancer Center, New York, NY, **Research Technician, Human Oncology and Pathogenesis Program**
Novavax, Gaithersburg, MD, **Research Associate II**
Penn Medicine, Philadelphia, PA, **Laboratory Technician, X-Ray Physics Research Lab, Radiology**
Suneris, Brooklyn, NY, **Quality Assurance Manager**
United Biomedical, Inc. Asia, HsinChu, Taiwan, **Market Analyst, Department of Corporation Development**
University of Pennsylvania, Philadelphia, PA, **Research Assistant, Department of Biology**
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, **Research Specialist B**
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, **Research Specialist A, Cancer Biology**

Chemical and Biomolecular Engineering

BluePrint Research Group, New York, NY, **Associate**
Daily Thermetrics, Houston, TX, **Production Engineer**
DuPont, Shanghai, China, **Engineering Specialist, DuPont Protection Technologies**
Toba Bara Sejahtra, Jakarta, Indonesia, **Corporate Finance**
Urjas Energy Solutions, Mumbai, India, **Process Engineer**
Computer and Information Science

Amazon, San Francisco, CA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer, Transaction Risk Management Systems
Appboy, New York, NY, Front End Software Engineer
Bank of America Merrill Lynch, Charlotte, NC, Technology Associate
Barclays Capital, New York, NY, Technology Analyst
Bloomberg LP, New York, NY, Research and Development
Chatous, San Francisco, CA, Software Engineer
Dataminr, New York, NY, Software Engineer, CIS
DataXu, Boston, MA, Software Engineer
DotAlign, Inc., New York, NY, Software Engineer
Epic Systems, Verona, WI, Technical Services
Ericsson, Mountain View, CA, Software Engineer
Facebook, New York, NY, Software Engineer
Facebook, New York, NY, Software Engineer
Google, New York, NY, Software Engineer
J.P Morgan, Jersey City, NJ, Application Developer, Technology Infrastructure
J.P Morgan Chase, New York, NY, Analyst
LinkedIn, Mountain View, CA, Software Engineer, Search Quality
LinkedIn, San Francisco, CA, Product Manager
LinkedIn, San Francisco, CA, Software Engineer
NetSuite, Centennial, CO, Software Engineer
NewsCred, New York, NY, Software Engineer
Oracle, Redwood, CA, Software Developer, Clusterware
Oracle, Redwood, CA, Software Developer, Public Cloud Infrastructure
Palantir, Palo Alto, CA, Product Quality Engineer
Paypal, Inc., San Jose, CA, Software Development Engineer, CIS
Prescription Advisory Systems and Technology, Jenkintown, PA, Software Engineer
Quidsi, Inc., a subsidiary of Amazon, Location Not Provided, Software Developer
Redfin, San Francisco, CA, Software Developer
RJMetrics, Philadelphia, PA, Software Engineer, Product Engineering
Snapchat Inc., Venice, CA, Software Engineer
Square, San Francisco, CA, Software Engineer
Tealium, San Diego, CA, Senior Java Developer
Thomson Reuters, Media, PA, Software Engineer
Two Sigma Investments, New York, NY, Software Engineer
Vessel, Inc., San Francisco, CA, Software Engineer
WillowTree Apps, Inc., Charlottesville, VA, iOS Engineer
Yahoo!, Sunnyvale, CA, Software Development Engineer
Yelp, San Francisco, CA, Software Engineer

Computer & Information Technology (MCIT)

AGI, Exton, PA, Software Developer
Amazon, Seattle, WA, Software Development Engineer, Transactional Risk Management Systems
Amazon, Seattle, WA, Software Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Apportable, San Francisco, CA, Project Manager
Bloomberg LP, New York, NY, Software Engineer
Comcast, Philadelphia, PA, Engineer 2
Comcast, Philadelphia, PA, Software Engineer
Facebook, Menlo Park, CA, Software Engineer
Facebook, Seattle, WA, Software Engineer
Franklin Square Capital Partners, Philadelphia, PA, Email and Digital Marketing Manager
Google, Mountain View, CA, Software Engineer
Japan Research America (SMBC), New York, NY, Junior Java Developer (Assistant Vice President), Information Technology
LinkedIn Inc., San Francisco, CA, Software Engineer

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Computer & Information Technology (MCIT) (continued)

Lockheed Martin, King of Prussia, PA, Software Engineer
Microsoft, Redmond, WA, Program Manager, ASG
Microsoft, Redmond, WA, Program Manager, Azure
Optoro, Washington, DC, Software Engineer
Oracle, San Francisco, CA, Software Engineer (Bluekai)
Oracle, Santa Clara, CA, Software Engineer
Oracle, Santa Clara, CA, Technical Staff
Perficient, Inc., New York, NY, Technical Consultant, Enterprise Content Management and Intelligence
ServiceNow, San Diego, CA, Software Developer, Core Platform

Computer Graphics and Game Technology

Amazon, Irvine, CA, Software Engineer, Video Games
Autodesk, San Francisco, CA, Software Engineer, Media & Entertainment
Blue Sky Studios, Greenwich, CT, Production Engineer
Columbia University, New York, NY, Computer Graphics Engineer, Memory and Navigation Laboratory
Crystal Dynamics, Redwood, CA, Associate Software Engineer, Core Technology
Facebook, Menlo Park, CA, Software Engineer
Framestore, London, United Kingdom, Crowd Technical Director
Gameloft Inc., Seattle, WA, Gameplay Engineer
Goldman Sachs, New York, NY, Technology Analyst
Google, Location Not Provided, Software Engineer
Google, Location Not Provided, Software Engineer
Google, San Bruno, CA, Software Engineer, YouTube
HERE, a Nokia Company, Berkeley, CA, Software Engineer
NetEase Games, Brisbane, CA, Associate UI/UX Developer
NewsCred, New York, NY, Full Stack Software Engineer, Research & Development
NVIDIA, Santa Clara, CA, System Software Engineer
NVIDIA, Santa Clara, CA, Software Engineer
Oracle, Location Not Provided, Software Developer
Oracle, Redwood City, CA, Software Engineer
Ping An Insurance (Group) Company of China, Shanghai, China, Data Visualization Engineer, Big Data
Pixar Animation Studios, Emeryville, CA, Rendering Technical Director Resident
Walt Disney Animation Studios, Burbank, CA, Software Engineer, Animation Technology
Zynga, San Francisco, CA, Software Engineer
Zynga, San Francisco, CA, Software Engineer

Electrical Engineering

Airbnb, San Francisco, CA, Software Engineer
Alcatel-Lucent, Mountain View, CA, Software Quality Engineer
Analog Devices, Inc., Wilmington, MA, Test Development Engineer, Transceiver Group
Applied Materials, Santa Clara, CA, Electrical Engineer, Transistor & Interconnect Group
Broadcom Corporation, San Diego, CA, Engineer, Staff IC Design
City of Charlottesville, Charlottesville, VA, Network Engineer, Information Technology
General Motors, Singapore, Electrical Engineer, Global Product Development
Intel Corporation, Hudson, MA, Pre Silicon Validation Engineer
LAATC, New York, NY, Firmware Engineer
Lockheed Martin, Morrisville, NC, Member Engineering Staff, RFIC Design Engineering
Microsoft (China) Co., Ltd., Beijing, China, Partnership Technical Specialist, Microsoft Business Solutions
Northrop Grumman, Los Angeles, CA, Engineer
Oracle, Santa Clara, CA, Hardware Engineer
Oracle, Santa Clara, CA, Engineer
Oracle, Santa Clara, CA, Hardware Engineer, Microelectronics
Tradeweb, New York, NY, Assistant Vice President, IT, Application and Production Support
Wink, Inc., New York, NY, Embedded Software Engineer
Embedded Systems

Apple, Cupertino, CA, Software Engineer
Cisco, Location Not Provided, Network Engineer-Test/QA
Comcast, New York, NY, CORE Technology Associate
Dell, Round Rock, TX, Platform Software Engineer
Hitachi Automotive Systems Americas, Inc., Farmington Hills, MI, Embedded Researcher
Hughes Network Systems, San Diego, CA, Member of Technical Staff
Juniper Networks, Sunnyvale, CA, Software Engineer 3
Lutron Electronics, Coopersburg, PA, Senior Project Computer Engineer
Master Lock Company, Oak Creek, WI, Embedded Software Engineer
Oracle, Location Not Provided, Member of Technical Staff, Transportation Management (OTM) Subdivision
Oracle, Redwood City, CA, Member Technical Staff
Oracle, Redwood City, CA, Member of Technical Staff, Software Development
Oracle, Santa Clara, CA, Software Engineer, Netra Systems Networking
Oracle, Santa Clara, CA, Hardware Engineer
Palantir, Palo Alto, CA, Infrastructure Quality Engineer
Qualcomm, San Diego, CA, Embedded Software Engineer
Qubit, Lahore, Pakistan, Software Engineer
Robert Bosch LLC, Pittsburgh, PA, Research Engineer
Silicon Labs, Austin, TX, Product Test Engineer, MCU and Wireless Products
The MathWorks, Natick, MA, Applications Support Engineer, Engineering Development Group
The MathWorks, Natick, MA, Quality Engineer, Simulink Verification and Validation
ThingWorx, a PTC Business, Philadelphia, PA, Software Engineer

Integrated Product Design

Capital One, San Francisco, CA, Digital Product Manager
Digitas Health LifeBrands, Philadelphia, PA, Interaction Designer
Fahrenheit212, New York, NY, Senior Associate, Strategy Team
Herman Miller, Holland, MI, Associate Researcher, Research and Development/Insight and Explorations Team
Macron Dynamics, Inc., Croydon, PA, Design Engineer
MIO Studio, Philadelphia, PA, Designer
Urban Outfitters Inc., Philadelphia, PA, Product Manager, E-commerce Team

Materials Science and Engineering

Accenture, New York, NY, Strategy Analyst
ExxonMobil, Houston, TX, Materials Engineer, Research and Engineering
Google, Mountain View, CA, Software Engineer
Lockheed Martin, Cherry Hill, NJ, Associate Member Engineering Staff, Advanced Technologies Laboratories
Macron Dynamics, Inc., Croydon, PA, Design Engineer
MIO Studio, Philadelphia, PA, Designer
Urban Outfitters Inc., Philadelphia, PA, Product Manager, E-commerce Team

Mechanical Engineering & Applied Mechanics

Akribis Systems, Inc. USA, San Jose, CA, Application Engineer
Blue Danube Systems, Warren, NJ, Mechanical Designer
Clarity Solution Group, Chicago, IL, Associate Consultant
Cummins, Columbus, IN, Product Engineer
Department of Defense - Cold Regions Research and Engineering Laboratory, Hanover, NH, Research Mechanical Engineer, Terrestrial and Cryospheric Sciences Branch
Fluor, Houston, TX, Rotating Equipment Engineer, Mechanical Team
Holtec International, Marlton, NJ, Application Engineer, Heat Transfer
Holtec International, Marlton, NJ, Project Engineer
Holtec International, Marlton, NJ, Project Engineer
Holtec International, Marlton, NJ, Structural Analyst, Nuclear Power Division
LaFrance Corp, Concordville, PA, Project Manager
LumaCyte, Charlottesville, VA, Mechanical Engineer
MC10 Inc., Boston, MA, Mechanical Engineer, Advanced Programs
Microsoft, Boston, MA, Support Engineer
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Mechanical Engineering & Applied Mechanics (continued)

MIT Lincoln Laboratory, Lexington, MA, Associate Staff, Homeland Protection, Bioengineering Systems and Technologies
NAVSEA, Bethesda, MD, Mechanical Engineer
Northrop Grumman, Melbourne, FL, Vehicle Engineer - Mechanical II
Oracle, Location Not Provided, Member Technical Staff (Software Development), Big Data Group
Pegatron, Elk Grove, CA, Mechanical Engineer
President's Engagement Prize Recipient
Robotic Research LLC, Gaithersburg, MD, Engineer
Schlumberger, Houston, TX, Mechanical Engineer
Shanghai Power Company, Shanghai, China, Designer
Specialized Bicycle Components, Morgan Hill, CA, Test Design Engineer
Tesla Motors, Fremont, CA, Associate Manufacturing Engineer
The Dedham Group, New York, NY, Analyst
U.S. Navy, Port Hueneme, CA, Mechanical Engineer, Ship Self Defense
Weitron, Inc., Newark, DE, Technology and Engineering Coordinator

Nanotechnology

Cornell University, Ithaca, NY, Post-Master’s Research Fellow, Department of Chemical Engineering
Graphene Frontiers, Philadelphia, PA, Senior Product Development Engineer
Mckool Smith, Dallas, TX, Technical Expert/Advisor, Intellectual Property Litigation

Robotics

AllianceBernstein, New York, NY, Software Developer, Technology and Operations
Amazon, Seattle, WA, Research Scientist, Prime Air
Amazon Robotics (formerly Kiva Systems), North Reading, MA, Hardware Engineer
Avatech, Inc., Park City, UT, Senior Embedded Systems Intern, Firmware
Bansen Labs, Pittsburgh, PA, Co-Founder & CEO
BioBots, Philadelphia, PA, Roboticist
Bossa Nova Robotics, Pittsburgh, PA, Robotics Engineer
Bresslergroup, Philadelphia, PA, Electrical Engineer
Defense Contractor, Sudbury, MA, Software Engineer II, Integrated Defense Systems
NASA Jet Propulsion Laboratory, Pasadena, CA, Robotics Software Engineer
NASA Jet Propulsion Laboratory, Pasadena, CA, Robotics Software Engineer
Numerica Corporation, Fort Collins, CO, Research Scientist
Oracle, Boulder, CO, Data Scientist Researcher, Datalogix
Otherlab, San Francisco, CA, Mechanical Engineer
Penn Medicine, Philadelphia, PA, Hardware Engineer, Rehabilitation Robotics Laboratory
PreNav Inc., San Carlos, CA, Robotics Engineer
Robotic Research LLC, Gaithersburg, MD, Engineer
Skydio, San Francisco, CA, Software Engineer
Transcriptic, Menlo Park, CA, Member of Technical Staff
Transcriptic, Menlo Park, CA, Member of Technical Staff
Yelp, San Francisco, CA, Data Mining / Machine Learning Engineer

Systems Engineering

Accenture, Chicago, IL, Digital Analyst
Chinese State Administration of Foreign Exchange, Beijing, China, Analyst, Investment Analysis
Deloitte, Philadelphia, PA, Business Technology Analyst
eNfoTech & Consulting Inc., North Brunswick, NJ, Business Analyst
HiH International Logistics, Inc., Location Not Provided, Project Manager
Indeed.com, Austin, TX, Online Marketing Analyst
Merrill Lynch, Hopewell, NJ, Business Technology Analyst
Metron, Inc., San Diego, CA, Software Analyst
Morgan Stanley, New York, NY, Technology Analyst
Optimal Strategix Group, Inc., Newtown, PA, Associate, Delivery Services
PriceSpective, Location Not Provided, Analyst
PricewaterhouseCoopers, New York, NY, Experienced Associate
PricewaterhouseCoopers, New York, NY, Management Consultant Associate, State and Local Government
Sumitomo Mitsui Corporation, New York, NY, Assistant Vice President, Security Group
XSUNT Corporation, Newtown, PA, Junior Data Analyst
ZS Associates, Boston, MA, Business Analyst
ZS Associates, Philadelphia, PA, Business Analytics Associate

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## SECTION IV - ANALYSIS OF CONTINUED STUDY

### Bioengineering
- Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland, OH, MD, *Medicine*
- New York University, School of Dentistry, New York, NY, DMD, *Medicine*
- University of Pennsylvania, School of Dental Medicine, Philadelphia, PA, DMD, *Medicine*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, MSE, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*

### Biotechnology
- Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland, OH, MD, *Medicine*

### Chemical and Biomolecular Engineering
- Syracuse University, Syracuse, NY, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*

### Computer and Information Science
- University of California, Berkeley, Berkeley, CA, PhD, *Engineering*
- University of Illinois at Urbana-Champaign, Urbana-Champaign, IL, PhD, *Science (non-medical)*
- University of Washington, Seattle, WA, PhD, *Science (non-medical)*

### Electrical Engineering
- University of California, Los Angeles, Los Angeles, CA, PhD, *Engineering*
- University of Cambridge, Cambridge, United Kingdom, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*
- University of Virginia, Charlottesville, VA, PhD, *Engineering*

### Embedded Systems
- University of Cincinnati, Cincinnati, OH, PhD, *Science (non-medical)*
- University of Michigan, Ann Arbor, MI, PhD, *Engineering*

### Materials Science and Engineering
- Syracuse University, Syracuse, NY, PhD, *Engineering*
- The Pennsylvania State University, State College, PA, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, MCIT, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, MSE, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, MSE, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, MSE, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, MCIT, *Engineering*
- University of Washington, Seattle, WA, PhD, *Science (non-medical)*

### Mechanical Engineering & Applied Mechanics
- Northwestern University, Evanston, IL, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*

### Nanotechnology
- University of Washington, Seattle, WA, MS, *Engineering*

### Robotics
- University of California, Berkeley, Berkeley, CA, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*
- University of Virginia, Charlottesville, VA, PhD, *Science (non-medical)*

### Systems Engineering
- Duke University, Raleigh, NC, PhD, *Engineering*
- University of Pennsylvania, School of Engineering and Applied Science, Philadelphia, PA, PhD, *Engineering*