Overview
Each year, Career Services surveys SEAS students who earned Master’s degrees to gather information about their post-graduation plans. This report includes data from students who graduated in December 2012, May 2013 and August 2013. Information was obtained for 489 (82.3%) of the 594 Master’s candidates who received degrees. We do not survey graduates from the Executive Masters in Technology Management Program.

Manufacturing and technology continue to be the top sectors for graduates at 65% combined. Within Manufacturing, 64% of those employed were in the Computer Products-Hardware (23%), Biomedical Products/Pharmaceuticals (23%) and Electronics/Robotics (18%) categories. In all sections of this report, average salaries include respondents who indicated they were beginning full-time employment. The overall average salary for SEAS Master’s respondents beginning full-time employment was $83,601, a 7.2% increase over 2012.

Prepared by: Jamie Grant, Associate Director
December 2013

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Methodology
A complete list of graduating Master’s students, excluding students in the Executive Masters of Technology and Management program, was provided by the SEAS Academic Programs Office. Engineering students graduating with a Master’s degree in December 2012, May and August 2013 responded to unique email requests (from Career Services and from the SEAS Academic Programs Office) to complete the Career Plans Survey on the Career Services website. In November friendly reminders to complete the survey were sent to those who had not responded to earlier requests or who had previously indicated they were still seeking employment or graduate school admission. LinkedIn was also searched to update information from those who had not previously responded.

Post Graduate Plans

- Full-time Employed 67%
- Continuing Current Employment 3%
- Attending Graduate School 9%
- Seeking Employment 13%
- Self-Employed 3%
- Short-term Employed 3%
- Seeking Graduate School Admission 1%
- Other <1%
### SECTION I – ANALYSIS OF FULL-TIME EMPLOYED RESPONDENTS

#### Analysis of Full-time Employed Respondents: Top Employers

(Includes both respondents beginning full-time employment and those continuing current employment)

<table>
<thead>
<tr>
<th>Organization</th>
<th>Number Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle</td>
<td>23</td>
</tr>
<tr>
<td>Amazon</td>
<td>17</td>
</tr>
<tr>
<td>Microsoft &amp; University of Pennsylvania (including Perelman School of Medicine &amp; SEAS)</td>
<td>9</td>
</tr>
<tr>
<td>Bank of America Merrill Lynch, Boeing Company &amp; Goldman Sachs</td>
<td>6</td>
</tr>
<tr>
<td>Bank of America, Epic Systems Corporation &amp; Google Inc.</td>
<td>5</td>
</tr>
<tr>
<td>Accenture, LLP, Akamai Technologies, comScore, Inc. &amp; Qualcomm, Inc.</td>
<td>4</td>
</tr>
<tr>
<td>Apple Inc., Bloomberg LP, Electronic Arts, High5Games, IMS Health, LSI Corporation, McKinsey &amp; Co., The Mathworks, VMWare, Inc. &amp; Zynga</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Analysis of Full-time Employed Respondents: Date Received Offer

228 graduates who accepted full-time employment reported the date they received the offer for the position they accepted. 47.8% of graduates in this report received their job offer before January 2013, and 93.4% received their offer prior to graduation (May 2013).

<table>
<thead>
<tr>
<th>Date Received Offer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before September 2012</td>
<td>8.3%</td>
</tr>
<tr>
<td>September 2012 - December 2012</td>
<td>39.5%</td>
</tr>
<tr>
<td>January 2013 - May 2013</td>
<td>45.6%</td>
</tr>
<tr>
<td>June 2013 or later</td>
<td>6.6%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

#### Analysis of Full-time Employed Respondents: How Received Offer

How Full-time Employed Respondents Received Their Job Offer

<table>
<thead>
<tr>
<th>How Received Offer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Directly to Organization</td>
<td>25.4%</td>
</tr>
<tr>
<td>On-Campus Recruiting (OCR)</td>
<td>22.9%</td>
</tr>
<tr>
<td>Other Career Services Leads</td>
<td>18.6%</td>
</tr>
<tr>
<td>Previous Non-OCR Employer (summer internship not obtained through OCR, resulting in full-time offer)</td>
<td>8.5%</td>
</tr>
<tr>
<td>Previous OCR (summer internship obtained through OCR, resulting in full-time offer)</td>
<td>7.2%</td>
</tr>
<tr>
<td>Family/Friends/Contacts</td>
<td>5.5%</td>
</tr>
<tr>
<td>Internet</td>
<td>5.5%</td>
</tr>
<tr>
<td>Other</td>
<td>3.4%</td>
</tr>
<tr>
<td>Department Contact</td>
<td>3.0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>
Analysis of Full-time Employed Respondents: Geographic Distribution of Employment

<table>
<thead>
<tr>
<th>States</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>California</td>
<td>85</td>
</tr>
<tr>
<td>New York</td>
<td>51</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>43</td>
</tr>
<tr>
<td>Washington State</td>
<td>28</td>
</tr>
<tr>
<td>New Jersey</td>
<td>24</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>13</td>
</tr>
<tr>
<td>Texas</td>
<td>8</td>
</tr>
<tr>
<td>Virginia</td>
<td>6</td>
</tr>
<tr>
<td>Illinois, Maryland &amp; Wisconsin (each)</td>
<td>5</td>
</tr>
<tr>
<td>Connecticut &amp; Ohio (each)</td>
<td>4</td>
</tr>
<tr>
<td>Missouri</td>
<td>3</td>
</tr>
<tr>
<td>Arizona, Colorado, Delaware, Florida, Georgia &amp; Minnesota (each)</td>
<td>2</td>
</tr>
<tr>
<td>Indiana, Michigan, Nebraska, Nevada &amp; North Carolina &amp; the United States Virgin Islands (each)</td>
<td>1</td>
</tr>
</tbody>
</table>

*Outside the United States (12 total):  
China (8), Hong Kong (1), India (1), South Korea (1), & Taiwan (1)

Analysis of Full-time Employed Respondents: Job Interviews - Range and Average Number

<table>
<thead>
<tr>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting (OCR) Interviews</td>
<td>1 - 40</td>
</tr>
<tr>
<td>Interviews Resulting from Career Services Leads (Career Day, Job Postings, PennLink)</td>
<td>1 – 25</td>
</tr>
<tr>
<td>Interviews on Their Own</td>
<td>1 – 50</td>
</tr>
<tr>
<td><strong>All Interviews Combined</strong></td>
<td>1 - 62</td>
</tr>
</tbody>
</table>

Analysis of Full-time Employed Respondents: Job Offers - Range and Average Number

<table>
<thead>
<tr>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting Offers</td>
<td>1 – 6</td>
</tr>
<tr>
<td>Career Services Offers (Career Day, Email Postings, PennLink)</td>
<td>1 – 4</td>
</tr>
<tr>
<td>Offers from Sources other than OCR and Career Services</td>
<td>1 – 4</td>
</tr>
<tr>
<td><strong>All Offers Combined</strong></td>
<td>1 – 8</td>
</tr>
</tbody>
</table>
SECTION II - ANALYSIS OF FULL-TIME RESPONDENTS’ SALARY: AVERAGES AND RANGES

Analysis of Full-time Employed Respondents’ Salary: Overall Salary

The range of salaries reported by candidates accepting full-time employment in the United States in 2013 was $28,000 - $124,000. The average salary for these graduates was $83,601, an increase of 7.2% from 2012.

Analysis of Full-time Employed Respondents’ Salary: By Graduate Program (primary)

<table>
<thead>
<tr>
<th>Program (Number of Respondents)</th>
<th>Average</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering (16)</td>
<td>$69,227</td>
<td>$28,000 - $112,000</td>
</tr>
<tr>
<td>Biotechnology (MBiotech) (14)</td>
<td>$67,286</td>
<td>$35,000 - $105,000</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering (3)</td>
<td>$65,500</td>
<td>$52,000 - $75,000</td>
</tr>
<tr>
<td>Computer &amp; Information Science (57)</td>
<td>$93,658</td>
<td>$66,000 – $115,000</td>
</tr>
<tr>
<td>Computer &amp; Information Technology (MCIT) (19)</td>
<td>$91,237</td>
<td>$55,000 – $110,000</td>
</tr>
<tr>
<td>Computer Graphics &amp; Game Technology (12)</td>
<td>$87,500</td>
<td>$55,000 – $120,000</td>
</tr>
<tr>
<td>Electrical Engineering (16)</td>
<td>$87,250</td>
<td>$55,000 - $110,000</td>
</tr>
<tr>
<td>Embedded Systems (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Integrated Product Design (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Mechanical Engineering &amp; Applied Mech. (16)</td>
<td>$73,794</td>
<td>$40,000 - $115,000</td>
</tr>
<tr>
<td>Nanotechnology (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Robotics (12)</td>
<td>$79,092</td>
<td>$44,000 - $108,000</td>
</tr>
<tr>
<td>Systems Engineering (11)</td>
<td>$72,455</td>
<td>$40,000 - $100,000</td>
</tr>
<tr>
<td>Telecommunications and Networking (17)</td>
<td>$87,353</td>
<td>$60,000 - $124,000</td>
</tr>
<tr>
<td>Overall (199)</td>
<td>$78,008</td>
<td>$28,000 - $124,000</td>
</tr>
</tbody>
</table>

Analysis of Full-time Employed Respondents’ Salary: By Industry

<table>
<thead>
<tr>
<th>Program (Number of Respondents)</th>
<th>Average</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts/Media/Entertainment (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Consulting (22)</td>
<td>$73,136</td>
<td>$50,000 - $105,000</td>
</tr>
<tr>
<td>Higher Education (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Higher Education Research Labs/Centers (5)</td>
<td>$46,047</td>
<td>$38,234 - $70,000</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities (4)</td>
<td>$60,750</td>
<td>$40,000 - $78,000</td>
</tr>
<tr>
<td>Financial Services (28)</td>
<td>$84,536</td>
<td>$70,000 - $110,000</td>
</tr>
<tr>
<td>Government: U.S. National Laboratories (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Hospital (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Aerospace (7)</td>
<td>$75,643</td>
<td>$72,000 - $79,000</td>
</tr>
<tr>
<td>Manufacturing: Automotive (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Biomedical/Pharmaceuticals (5)</td>
<td>$66,265</td>
<td>$57,000 - $93,000</td>
</tr>
<tr>
<td>Manufacturing: Chemicals/Gases (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Comp. Products-Hardware (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Consumer Products (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Electronics/Robotics (6)</td>
<td>$84,000</td>
<td>$72,000 - $110,000</td>
</tr>
<tr>
<td>Manufacturing: Telecommunications (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Other (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>All Manufacturing (26)</td>
<td>$74,024</td>
<td>$52,000 - $110,000</td>
</tr>
<tr>
<td>Real Estate/Construction (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Retail/Wholesale(3)</td>
<td>$72,000</td>
<td>$72,000 - $85,000</td>
</tr>
<tr>
<td>Technology (104)</td>
<td>$91,952</td>
<td>$44,000 - $124,000</td>
</tr>
</tbody>
</table>

* Information/salary not reported to maintain confidentiality
### Analysis of Full-time Respondents’ Salary: By Job Type

<table>
<thead>
<tr>
<th>Type of Job (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 (10)</td>
<td>$69,700</td>
<td>$50,000 - $80,000</td>
</tr>
<tr>
<td>Research (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology/Information Systems (9)</td>
<td>$77,667</td>
<td>$62,000 - $105,000</td>
</tr>
<tr>
<td><strong>Consulting Overall (20)</strong></td>
<td>$73,550</td>
<td>$50,000 - $105,000</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design (9)</td>
<td>$84,056</td>
<td>$63,000 - $112,000</td>
</tr>
<tr>
<td>Manufacturing/Production (8)</td>
<td>$71,463</td>
<td>$55,200 - $80,000</td>
</tr>
<tr>
<td>Quality Assurance (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Research &amp; Development (5)</td>
<td>$85,685</td>
<td>$60,324 - $115,000</td>
</tr>
<tr>
<td>Testing (4)</td>
<td>$90,250</td>
<td>$73,000 - $103,000</td>
</tr>
<tr>
<td>Systems (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Project Management (3)</td>
<td>$66,667</td>
<td>$40,000 - $85,000</td>
</tr>
<tr>
<td><strong>Engineering Overall (32)</strong></td>
<td>$78,863</td>
<td>$40,000 - $115,000</td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Banking/Lending (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Financial Planning &amp; Analysis (non-banking) (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Investment Management/Counsel (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Investment Banking Analyst (5)</td>
<td>$76,000</td>
<td>$65,000 - $90,000</td>
</tr>
<tr>
<td>Trading (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Finance Overall (10)</strong></td>
<td>$77,100</td>
<td>$65,000 - $100,000</td>
</tr>
<tr>
<td><strong>Information Technology</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network Engineer (3)</td>
<td>$86,333</td>
<td>$60,000 - $124,000</td>
</tr>
<tr>
<td>Program Manager (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Product Designer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Programmer (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Software Developer/Engineer (91)</td>
<td>$93,879</td>
<td>$44,000 - $115,000</td>
</tr>
<tr>
<td>Systems Engineer/Analyst (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical Artist/Game Developer (3)</td>
<td>$93,333</td>
<td>$80,000 - $120,000</td>
</tr>
<tr>
<td>Technical Support Specialist (4)</td>
<td>$69,250</td>
<td>$63,000 - $75,000</td>
</tr>
<tr>
<td>Technology Analyst (16)</td>
<td>$78,688</td>
<td>$54,000 - $105,000</td>
</tr>
<tr>
<td><strong>Information Technology Overall (122)</strong></td>
<td>$89,861</td>
<td>$44,000 - $124,000</td>
</tr>
<tr>
<td><strong>Management/Administration</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Management (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Operations (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Other (2)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Scientific Research</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology/Biochemistry (5)</td>
<td>$57,647</td>
<td>$35,000 - $93,000</td>
</tr>
<tr>
<td>Biomedical (Other) (4)</td>
<td>$45,750</td>
<td>$28,000 - $58,000</td>
</tr>
<tr>
<td>Chemistry (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Scientific Research Overall (10)</strong></td>
<td>$53,623</td>
<td>$28,000 - $93,000</td>
</tr>
</tbody>
</table>

* Information/salary not reported to maintain confidentiality
SECTION III - ANALYSIS OF FULL-TIME EMPLOYMENT

Industry Employment by Industry

Technology: 147
Manufacturing: 66
Financial Services: 42
Consulting: 36
Education: 15
Energy/Natural Resources/Utilities: 5
Retail/Wholesale: 4

Industry Employment by Industry

Government: 3
Communications: 3
Legal Services: 2
Nonprofit: 2
Healthcare: 1
Real Estate/Construction: 1
Transportation: 1

Analysis of Full-time Employment: By Industry

Full-time Employment by Industry: 
With Manufacturing Subchart

Technology: 45%
Manufacturing: 20%
Financial Services: 13%
Consulting: 11%
Education: 5%

Other Industries:

Computer Products/hardware: 23%
Biomed. Products/Pharmaceuticals: 23%
Electronics/Robotics: 18%
Aerospace: 15%

Telecomm.: 3%
Chemicals/Gases: 1%
Consumer Products: 1%
Automotive: 5%
Other: 11%
## Analysis of Full-time Employment: By Job Type

<table>
<thead>
<tr>
<th>Job Type</th>
<th>Number</th>
<th>Job Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Info. Tech.</td>
<td>173</td>
<td>Management</td>
<td>4</td>
</tr>
<tr>
<td>Engineering</td>
<td>73</td>
<td>Not-specified</td>
<td>3</td>
</tr>
<tr>
<td>Consulting</td>
<td>35</td>
<td>Marketing</td>
<td>2</td>
</tr>
<tr>
<td>Scientific Research</td>
<td>19</td>
<td>Other</td>
<td>2</td>
</tr>
<tr>
<td>Financial Services</td>
<td>16</td>
<td>Law</td>
<td>1</td>
</tr>
</tbody>
</table>

### Full-time Employment by Job Type: Engineers and Information Technology Subcharts

- **Information Technology**: 53%
- **Engineering**: 22%
- **Consulting**: 11%

### Full-time Employment by Job Type: Engineers

- **Design**: 41%
- **R & D**: 15%
- **Quality Assurance**: 5%
- **Manu. / Production**: 21%

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

- **Software Dev./Eng.**: 72%
- **Tech. Analyst**: 11%
- **Tech. Director**: 1%
- **Tech. Support Specialist**: 3%
- **Tech. Artist/Game Dvlp.**: 3%
- **Systems Eng./Analyst**: 2%
- **Program Mgr.**: 2%
- **Programmer**: 1%
- **Tech. Trainer**: 1%
- **Data Analyst/Admin.**: 2%
- **Network Eng.**: 2%
- **Prod. Designer**: <1%

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*p. 7*
Bioengineering
Abuwala and Company, Bethlehem, PA, Analyst
Accenture, LLP, Philadelphia, PA, Systems Integration, Business & Systems Integration Consulting Analyst
Accenture, LLP, New York, NY, Emerging Technology Innovation, Consulting Analyst
Barclays Capital, New York, NY, Technology, Technology Analyst
BGI Americas Corporation, Cambridge, MA, Research Associate
Boston Scientific, Marlborough, MA, Endoscopy, R&D Engineer
Columbia University Medical Center, New York, NY, Institute for Cancer Genetics, Technician B
DLA Piper, Philadelphia, PA, Technical Advisor
Epic Systems Corporation, Madison, WI, Integration Engineer
Epic Systems Corporation, Madison, WI, Electronic Data Interchange (EDI), Integration Engineer
Epic Systems Corporation, Madison, WI, Technical Services Engineer
Epic Systems Corporation, Veronia, WI, Technical Services
Genentech, South San Francisco, CA, Operations Rotation Development Program Analyst
IMS Health, Parsippany, NJ, Analyst
IMS Health, Plymouth Meeting, PA, CES, Analyst
Maxx Orthopedics, Plymouth Meeting, PA, Product Development Engineer
McKinsey & Company, Jersey City, NJ, Business Analyst
McMaster-Carr, Robbinsville, NJ, Management Development Program, Title Not Provided
National Institutes of Health (NIH), Bethesda, MD, Bioengineering, Research Fellow
Nationwide, Philadelphia, PA, Investment Management Group, Analyst
Oracle, Santa Clara, CA, Microprocessor Design Group, Hardware Engineer
Pace Harmon, Chicago, IL, Title Not Provided
Smiths Medical, St. Paul, MN, Pain Management Division, New Product Development Engineer
University of Michigan Medical School, Ann Arbor, MI, Microbiology and Immunology, Research Assistant

Biotechnology
Alexion Pharmaceuticals, Inc., Cheshire, CT, Research Associate II
Bain & Co., San Francisco, CA, Associate Consultant
Baruch S. Blumberg Institute (Formerly the Institute for Hepatitis and Virus Research), Doylestown, PA, Research Associate
Baruch S. Blumberg Institute (Formerly the Institute for Hepatitis and Virus Research), Doylestown, PA, Research Associate
BiotechMap, New York, NY, Partner
Blueprint Research Group, Princeton, NJ, Associate
Blueprint Research Group, Princeton, NJ, Consulting, Associate
CBPartners, New York, NY, Analyst
Dana Farber Cancer Institute, Boston, MA, Department of Cancer Biology, Research Technician
Deloitte Consulting, New York, NY, Consulting, Life Science Technology Consultant
Elsevier, New York, NY, Elsevier Science, Associate Account Manager
Icahn School of Medicine, The Mount Sinai Hospital, New York, NY, Genetics and Genomic Sciences, Associate Researcher
Juventas Therapeutics, Cleveland, OH, Associate Scientist
Keck School of Medicine, University of Southern Californ, Los Angeles, CA, USC Ctr. for Body Computing, Dept. of Cardiovascular Med., Project Specialist
MLV & Co., New York, NY, Healthcare Equity Research Associate
NASA, Moffet Field, CA, Space Biosciences, Bioinformatics Scientist
Navigant, New York, NY, Consultant
Osiris Therapeutics, Elkridge, MD, Biosurgery, Research Associate
Regeneron, Tarrytown, NY, PMPD, Process Development Engineer 2
Research Partnership, Horsham, PA, Research Analyst
Rice University, Houston, TX, Technology Transfer Intern
Rockefeller University, New York, NY, Research Assistant
Saladax Biomedical Inc., Bethlehem, PA, Research Scientist
Terumo Cardiovascular Systems, Location Not Provided, Quality Engineer
The Advisory Board Company, Austin, TX, Business Analyst
The Blackstone Group, New York, NY, Blackstone Advisory Partners, Mergers and Acquisitions Analyst
Tissue Banks International, San Rafael, CA, Production Assistant
University of Pennsylvania, Philadelphia, PA, Genetics, Research Specialist
University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, Researcher

Chemical and Biomolecular Engineering
Advanced Sterilization Products (a division of Ethicon LLC, a Johnson & Johnson Company), Irvine, CA, Laboratory Technician
Estee Lauder, Bristol, PA, Quality Assurance, Lab Specialist
IHS, Houston, TX, Chemical Group, Consultant
Kline & Company, Parsippany, NJ, Business Analyst
Merck, West Point, PA, Engineer
The Lubrizol Corporation, Gastonia, NC, Process Engineer

Computer and Information Science
Addtreq, Princeton, NJ, Mobile Applications Developer
Akamai Technologies, Location Not Provided, Systems Software Engineer
Alcatel-Lucent, Austin, TX, Software Developer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Computer and Information Science, continued

Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Fulfillment, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, AWS, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Amazon Web Service, Software Development Engineer
Amazon, Seattle, WA, BISS, Software Development Engineer
Amazon, Palo Alto, CA, Software Development Engineer
Apple Inc., Cupertino, CA, Software Engineer
Apple Inc., Cupertino, CA, Software Developer
Avi Networks, Sunnyvale, CA, R&D, Member of Technical Staff
Bank of America, New York, NY, Global Technology, Associate
Bank of America, New York, NY, Technology Analyst
Bank of America, Pennington, NJ, Global Wealth & Investment Management -Datamart team, Technology Analyst
Bank of America Merrill Lynch, New York, NY, Technology Associate
Bank of America Merrill Lynch, Hopewell, NJ, Technology Developer and Analyst
Bank of America Merrill Lynch, Pennington, NJ, Technology Analyst
Bank of America Merrill Lynch, Pennington, NJ, Global Wealth & Investment Management, Technology Analyst
Bank of America Merrill Lynch, Hopewell, NJ, Technology Analyst
BlackRock, San Francisco, CA, Technology Analyst
BrightEdge, San Mateo, CA, Product Development, Software Developer
Citadel LLC, Chicago, IL, Financial Technology Associate Program
Cloudera Inc., Palo Alto, CA, Software Engineer
Clover Inc., Mountain View, CA, Software Engineer
CommVault Systems, Inc., Oceanport, NJ, Associate Member of Technical Staff
comScore, Inc., Reston, VA, Software Developer
comScore, Inc., Reston, VA, Software Engineer
comScore, Inc., Reston, VA, Data Analyst
Electronic Arts, San Francisco, CA, Software Developer
Epic Systems Corporation, Madison, WI, Software Engineer
Facebook, Menlo Park, CA, Software Engineer
FICO, San Jose, CA, Software Engineer
Goldman Sachs, Jersey City, NJ, Compliance, Technology Analyst
Goldman Sachs, Jersey City, NJ, Technology Analyst
Goldman Sachs, Location Not Provided, Infrastructure, Technology Analyst
Goldman Sachs, New York, NY, Technology, Technology Analyst
Google Inc., Mountain View, CA, Software Engineer
Google Inc., Kirkland, WA, AdWords, Software Engineer
Google Inc., Mountain View, CA, Identity and Authentication, Software Engineer
Google Inc., Mountain View, CA, Google TV, Test Engineer
Groupon, Seattle, WA, Software Development Engineer
Intellilcomm, King of Prussia, PA, Software Developer
Intellilcomm, King of Prussia, PA, Software Developer
LinkedIn Corp., Mountain View, CA, Search, Software Engineer
McMaster-Carr, Robbinsville, NJ, Operations Management Trainee
Merrill Lynch, New York, NY, Title Not Provided
Microsoft, Redmond, WA, Software Development Engineer
Microsoft, Redmond, WA, Azure, Software Developer
Microsoft, Redmond, WA, Servers & Tools, Software Development Engineer
Microsoft, Seattle, WA, Windows Azure, Software Development Engineer
Microsoft, Redmond, WA, Windows Azure, Software Development Engineer
Microsoft, Redmond, WA, Windows Azure, Software Development Engineer
Microsoft, Redmond, WA, Windows Azure, Software Development Engineer
Merrill Lynch, New York, NY, Title Not Provided
Merrill Lynch, New York, NY, Title Not Provided
Merrill Lynch, New York, NY, Title Not Provided
Merrill Lynch, New York, NY, Title Not Provided
Oracle, Redwood Shores, CA, Member of Technical Staff
Oracle, Redwood City, CA, Public Cloud, Member of Technical Staff
Oracle, Redwood Shores, CA, Software Engineer
Oracle, Redwood City, CA, Software Engineer
Oracle, Redwood City, CA, Software Engineer
Oracle, Redwood City, CA, Public Cloud, Member of Technical Staff
Oracle, Santa Clara, CA, PAE, Software Developer
Pay Pal, Inc., Location Not Provided, Software Engineer 2
Pay Pal, Inc., San Jose, CA, Software Engineer
Quantcast, San Francisco, CA, Full Stack Software Engineer
Rent the Runway, New York, NY, Software Engineer
Salesforce.com, San Francisco, CA, Performance Engineering, Assistant Member of Technical Staff, Java Automation and Tools Team
Square, San Francisco, CA, Software Engineer
Stubhub, San Francisco, CA, Software Engineer
Susquehanna International Group, Philadelphia, PA, Technology, Technology Analyst
The Blackstone Group, New York, NY, Software Engineer
The MathWorks, Natick, MA, Software Engineer
VMware Inc., Philadelphia, PA, Storage Team, Member of Technical Staff, Level 2
VMware Inc., Palo Alto, CA, Member of Technical Staff
Computer and Information Science, continued
VMware Inc., Palo Alto, CA, Datacenter I/O, Member of Technical Staff
Vungle, Location Not Provided, Sales Engineer
Yahoo!, Inc., Sunnyvale, CA, Software Developer

Computer & Information Technology (MCIT)
Amazon, Location Not Provided, Software Development Engineer
Amazon, Palo Alto, CA, Software Development Engineer
Bank of America, Jersey City, NJ, Global Market and Risk Technology, Technology Associate
Barclays, New York, NY, Technology, Technology Analyst
Bloomberg LP, New York, NY, Research & Development, Financial Software Developer
Bloomberg LP, New York, NY, Financial Software Developer
Cerner Corporation, Kansas City, MO, Information Technology, Software Engineer
Electronic Arts, Redwood City, CA, Software Developer II
Electronic Arts, Redwood City, CA, Software Developer
Ernst & Young LLP, New York, NY, Financial Services Office, Technology Advisor Program
Factset, New York, NY, Software Engineer
FindTheBest, Santa Barbara, CA, Software Engineer
Goldman Sachs, New York, NY, Title Not Provided
Google Inc., New York, NY, AdWords, Software Engineer
ModSolar, Ardmore, PA, Software Developer
Morgan Stanley, New York, NY, Market Risk, Analyst
Oracle, Location Not Provided, Software Developer
Oracle, Redwood City, CA, Software Engineer
Oracle, Cambridge, MA, Member of Technical Staff
Oracle, Redwood City, CA, Enterprise Business Suite Group, Applications Engineer
Reelio Labs, New York, NY, Developer
SevOne, Wilmington, DE, Software Development, Software Developer
Susquehanna International Group, Bala Cynwyd, PA, Technology Associate
Venmo, New York, NY, Software Engineer
ZL Technologies, San Jose, CA, Mobile and Web App Division, Software Engineer

Computer Graphics and Game Technology
2K Games, Novato, CA, Software Engineer
AccelerEyes LLC, Atlanta, GA, Engineering, Developer
ArchieMD, Inc., Boca Raton, FL, Augmented Reality, Augmented Reality Developer (Software Engineer)
Booz & Company, New York, NY, Consultant
Gameloft, Location Not Provided, Title Not Provided
High5Games, New York, NY, Game Developer
High5Games, New York, NY, Game Development, Game Developer
Microsoft, Redmond, WA, Program Manager
Microsoft, Redmond, WA, Microsoft Business Solutions, Program Manager
Ringling College of Art and Design, Sarasota, FL, Technical Analyst
Stereo D, Burbank, CA, Pipeline Technical Assistant
Storm8, Redwood Shores, CA, Graphics Engineer
Zoosk, Inc., San Francisco, CA, Junior Software Engineer
Zynga, San Francisco, CA, Engineering, Software Engineer
Zynga, San Francisco, CA, Mid Core, Software Developer
Zynga, San Francisco, CA, Software Engineer

Electrical Engineering
Accenture, LLP, New York, NY, IT Strategy and Transformation, Analyst
Amazon, Seattle, WA, Software Development Engineer
AMD, Sunnyvale, CA, ASIC/Layout Engineer
California Plug Load Research Center, Irvine, CA, Project Manager
Cisco Systems, Allentown, PA, Hardware Engineer
Credit Suisse, San Francisco, CA, Investment Banking, Technology Group, Analyst
Cummins Inc., Columbus, IN, Electronics Engineer
eBay, Philadelphia, PA, Software Engineer 1
Freescale Semiconductor, Tempe, AZ, Engineering Rotation Program
Goldman Sachs, Jersey City, NJ, Cross Divisional Projects & Architecture, Business Analyst and Project Manager
Graphene Frontiers, Philadelphia, PA, VP of Engineering
Hongyuan Securities, Shanghai, China, Investment Bank Department, Associate
IBM, Poughkeepsie, NY, SRAM Design Engineer
Intel Corporation, Folsom, CA, Graphics Hardware Engineer
Lockheed Martin, Location Not Provided, Title Not Provided
Marketo, San Mateo, CA, Software Engineer
Oracle, San Jose, CA, Hardware Engineer
Oracle, Santa Clara, CA, Hardware Design, Hardware Engineer
Oracle, Santa Clara, CA, Hardware Developer
Oracle, Redwood City, CA, Business Intelligence, Member of Technical Staff
Oracle, Redwood City, CA, Database, Member of Technical Staff
Oracle, Santa Clara, CA, Application Integration Group, Software Engineer
**Electrical Engineering, continued**
Qualcomm, Inc., San Diego, CA, SOC Design, Engineer
Qualcomm, Inc., San Diego, CA, PTE, Hardware Engineer (Test)
Reelio Labs, New York, NY, Computer Programmer
Synopsys, Inc., Mountain View, CA, Associate Application Consultant
University of Pennsylvania, Philadelphia, PA, Section of Bio Medical Image Analysis, Research Data Analyst

**Embedded Systems**
Ciright Systems, Inc., Conshohocken, PA, Embedded System Engineer
Dell, Inc., Peoria, IL, Embedded Software Development Analyst
Dell, Inc., Peoria, IL, Embedded Software Development Analyst
Intel Mobile Communications, Location Not Provided, Protocol Stack Developer
LSI Corporation, Location Not Provided, Firmware Development Engineer
LSI Corporation, Colorado Springs, CO, Firmware Development Engineer
LSI Corporation, Atlanta, GA, Embedded Firmware Engineer
Oracle, Santa Clara, CA, PAE, Software Engineer
Qualcomm, Inc., Boulder, CO, Engineer
Silicon Laboratories, Inc., Austin, TX, Firmware Engineer
Yahoo!, Inc., San Francisco, CA, Associate Product Manager

**Integrated Product Design (MSE)**
Samsung Electronics, Seoul, South Korea, Design Strategist
University of Pennsylvania, Philadelphia, PA, Office of the Provost, Director, Course Operations
Zonoff, Malvern, PA, UX/Service Designer

**Materials Science and Engineering**
Adell Plastics, Inc., Baltimore, MD, Process Engineer
Freescale Semiconductor, Phoenix, AZ, Process Engineer
Globofruit, LLC, Philadelphia, PA, Project Manager (Global Logistics & Sourcing)
Hermes Microvision, Inc., San Jose, CA, Application Engineer
IMS Health, Beijing, China, Management Consulting, Business Analyst
McKinsy & Company, Location Not Provided, Junior Research Analyst
Mini Circuits, Brooklyn, NY, Title Not Provided
Peripheral Visions Inc., Auburn, WA, Research and Development, Chemist
Princeton Consultants, Princeton, NJ, Associate
Taiwan Semiconductor Manufacturing Company Limited, Hsinchu, Taiwan, Title Not Provided
W.L. Gore and Associates, Elkton, MD, Fabrics, Product Development Engineer

**Mechanical Engineering & Applied Mechanics**
Accenture, LLP, Minneapolis, MN, Associate
Acton, Inc., Pasadena, CA, Mechanical Engineer
Barrick Goldstrike Mines Inc., Elko, NV, Title Not Provided
Bloomberg LP, New York, NY, R&D - Financial Software, Title Not Provided
BMW China Services Ltd., Beijing, China, Engineering Division, Senior Specialist Product Design
Boeing Company, Ridley Park, PA, Rotorcraft/Mobility, Structural Design Engineer
Boeing Company, Seattle, WA, Level 1 Mechanical Engineer
Carnegie Mellon University, Pittsburgh, PA, Computer Science, Research Staff
ExxonMobil, Jiangsu, China, Operations Specialist
F.Tech R&D North America, Inc., Troy, OH, CAE Engineer
Facebook, Menlo Park, CA, Software Engineer
High5Games, New York, NY, Game Developer
Inteva Products, Dayton, OH, Core Engineering, Associate Product Engineer
Lutron Electronics, Coopersburg, PA, Senior Mechanical Engineer
NAVSEA (Naval Sea Systems Command), Philadelphia, PA, Title Not Provided
Pik Rite, Inc., Lewisburg, PA, Product Engineer
Raytheon, Santa Barbara, CA, Mechanical Design, Engineer II
Real Time Power, Inc., Houston, TX, Application Engineer
Schlumberger, Houston, TX, Completions and Packers, Mechanical Engineer
SpaceX, Los Angeles, CA, Structures Engineer
SpaceX, Hawthorne, CA, Production, Process Engineer
The Cadmus Group, Inc., Waltham, MA, Energy Services Division, Analyst
The MathWorks, Boston, MA, Engineering Development Group, Application Support Engineer
ThinkEco, Inc., New York, NY, Software Department, Product Engineer
Transcriptic, Menlo Park, CA, Mechatronics Engineer
Virgin Islands Port Authority, St. Croix, USVI, Engineer
Wenger Manufacturing, Inc., Location Not Provided, Design Engineer
ZS Associates, Princeton, NJ, Associate

**Nanotechnology**
Trexquant, Stamford, CT, Trading Strategist
Robotics
Apple Inc., Cupertino, CA, Touch Hardware, Software Instrumentation Engineer
Applied Predictive Technology, Arlington, VA, Software Developer
Boeing Company, St. Louis, MO, Defense, Space and Security, Electrical Engineer Design & Analysis I
Boeing Company, St. Louis, MO, Guidance, Navigation & Control Engineer
Boeing Company, Location Not Provided, Real-time Software Engineer
Comcast / NBC Universal, New York, NY, Universal Pictures, CORE Tech Associate
Cushman and Wakefield, New York, NY, Corporate Finance and Investment Banking, Corporate Finance and Investment Banking Analyst
Datalogics, Chicago, IL, Software Developer
IMA Life North America, Inc., Tonawanda, NY, Control Systems Engineer
Intelligent Automation, Inc., Rockville, MD, Robotics Engineer
Lutron Electronics, Coopersburg, PA, Senior Project Electrical Engineer - Embedded
Microsoft, Seattle, WA, Software Development Engineer
National Robotics Engineering Center (NREC), Pittsburgh, PA, Robotics Engineer
Parametric Dining LLC, Philadelphia, PA, Machine Learning and Embedded Systems Engineer
The Goodyear Tire & Rubber Company, Akron, OH, Tire Vehicle Mechanics, New Technologies Engineer
The MathWorks, Natick, MA, Engineering Development Group, Application Support Engineer
University of Pennsylvania School of Engineering & Applied Science, Philadelphia, PA, GRASP Laboratory, Research Associate

Systems Engineering
4R Systems, Philadelphia, PA, Client Analyst
AQR Capital Management, Greenwich, CT, Research Analyst
Barclaycard, Long Island City, NY, Marketing Analytics, P&L Analyst
Booz & Company, New York, NY, Digital Business & Technology, Consultant
China Minsheng Banking Corp., Beijing, China, Cultural Industry Financial Services, Analyst
Cogstar, Willow Grove, PA, Business Development Consultant
COTEC Offshore Engineering Solutions, Inc., Houston, TX, Project Control Specialist
Credit Suisse, Location Not Provided, Reference Data Group, Analyst
Deloitte Consulting, Philadelphia, PA, Technology, Business Technology Analyst
Ernst & Young LLP, New York, NY, Financial Services Office, Technology Advisory
Foxcode, Philadelphia, PA, Analyst
Loeb & Loeb LLP, Hong Kong, Paralegal
LT Security, Inc., Mount Laurel, NJ, Account Manager
Morgan Stanley, New York, NY, Market Risk, Analyst
Opower Inc., Arlington, VA, Financial Analyst
Raytheon, Sudbury, MA, Integrated Defense Systems, Systems Engineer
UBS, Stamford, CT, Business Analyst

Telecommunications and Networking
Akamai Technologies, Boston, MA, Emerging Products Group, QA Engineer
Akamai Technologies, Cambridge, MA, Software Engineer
Akamai Technologies, Seattle, WA, Solutions Architect
Alcatel-Lucent, Sunnyvale, CA, Software Test Engineer
Bank of America Merrill Lynch, Hopewell, NJ, Technology Developer and Analyst
Barclays Capital, New York, NY, Technology, Technology Analyst
China Minsheng Banking Corp., Hefei, China, Investment Banking Dept., Client Manager
Comcast, Mount Laurel, NJ, Senior Network Engineer
comScore, Inc., Reston, VA, Software Development, Software Engineer
Deloitte and Touche LLP, New York, NY, Audit and Enterprise Risk Services, ERS Consultant
Gallup, Omaha, NE, Software Application Developer
GSI Commerce, King of Prussia, PA, Network, Network Administrator
Intel Corporation, San Diego, CA, Mobile Communication R&D, Protocol Stack Developer
Investment Technology Group, New York, NY, Technology Department, Technology Associate
JP Morgan Chase Co., Newark, DE, Software Engineer
Lenovo, Beijing, China, IT, Analyst
McKesson Health Solutions, Location Not Provided, Software Engineer
Microsoft, Bellevue, WA, Online Service, Software Development Engineer
Oracle, Santa Clara, CA, Software Engineer
Oracle, Redwood City, CA, Member of Technical Staff
Oracle, Redwood City, CA, Business Intelligence, Member of Technical Staff
Oracle, Santa Clara, CA, Software Engineer
Oracle Acme Packet, Bedford, MA, Platforms, Software Engineer
Patch Media Company, New York, NY, Platform Engineer
PricewaterhouseCoopers (PwC), Philadelphia, PA, Tech Advisory, Technology Consulting Associate
Rackspace, San Francisco, CA, Software Developer
Bioengineering
Johns Hopkins University, Baltimore, MD, PhD, Engineering
KAIST (Korea Advanced Institute of Science and Technology), Daejeon, South Korea, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, MCIT

Biotechnology
Stony Brook University, Stony Brook, NY, PhD, Engineering
University of California at San Diego, La Jolla, CA, PhD, Science (Biology)
University of Illinois, Chicago, IL, MD, Medicine

Chemical and Biomolecular Engineering
University of Michigan, Ann Arbor, MI, MS, Business
Villanova University, Villanova, PA, PhD, Engineering

Computer and Information Science
École Nationale Supérieure des Mines de Nancy, Nancy, France, MS, Information Systems
George Washington University, Washington D.C., JD
Georgetown University, Washington DC, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Computer & Information Science
University of Pennsylvania, Philadelphia, PA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Engineering, Computer & Information Science
University of Washington, Tacoma, WA, PhD, Computer Science & Engineering

Computer and Information Technology (MCIT)
University of Pennsylvania, Philadelphia, PA, MSE, Computer & Information Science
University of Pennsylvania, Philadelphia, PA, MSE, Engineering

Electrical Engineering
Arizona State University, Phoenix, AZ, PhD, Engineering
Cornell University, Ithaca, NY, PhD, Engineering
Rensselaer Polytechnic Institute, Troy, NY, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Electrical & Systems Engineering

Materials Science and Engineering
The Pennsylvania State University, University Park, PA, PhD, Engineering
University of California at Davis, Davis, CA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Engineering
University of Pennsylvania, School of Arts & Sciences, Philadelphia, PA, PhD, Science
University of Wisconsin at Madison, Madison, WI, PhD, Engineering
University of Connecticut, Storrs, CT, PhD, Engineering

Mechanical Engineering & Applied Mechanics
University of California at San Diego, La Jolla, CA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Mechanical Engineering & Applied Mechanics
Virginia Polytechnic Institute and State University, Blacksburg, VA, PhD, Engineering

Nanotechnology
Danmarks Tekniske Universitet, Denmark, PhD, Photonics Engineering
University of Florida, Gainesville, FL, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Science

Robotics
Georgia Institute of Technology, Atlanta, GA, PhD, Engineering
Harvard University, Cambridge, MA, PhD, Engineering
The Pennsylvania State University, University Park, PA, PhD, Engineering

Systems Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Engineering
University of Pennsylvania, Philadelphia, PA, MCIT, Engineering