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 2011, May 2012 and August 2012. Information was obtained for 366 (78.2%) of the 468 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 60% combined. Within Manufacturing, 53% of those employed were in the Biomedical Products/Pharmaceuticals (34%) and Electronics/Robotics (19%) 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 $78,008, a 12.4% increase over 2011.

Prepared by: Jamie Grant, Associate Director
December 2012

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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 2011, May and August 2012 responded to two unique email requests (one from Career Services and one from the SEAS Academic Programs Office) to complete the Career Plans Survey on the Career Services website. In November a friendly reminder to complete the survey was 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
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 Corporation</td>
<td>11</td>
</tr>
<tr>
<td>University of Pennsylvania (including the Perelman School of Medicine)</td>
<td>8</td>
</tr>
<tr>
<td>Microsoft Corporation</td>
<td>6</td>
</tr>
<tr>
<td>Amazon.com, comScore, Lockheed Martin</td>
<td>5</td>
</tr>
<tr>
<td>PricewaterhouseCoopers LLC, Qualcomm, UBS, Zynga</td>
<td>4</td>
</tr>
<tr>
<td>Bank of America Merrill Lynch, Deloitte LLP, GlaxoSmithKline, Intel, Merck &amp; Co.</td>
<td>3</td>
</tr>
</tbody>
</table>

Analysis of Full-time Employed Respondents: Date Received Offer
154 of graduates who accepted full-time employment reported the date they received the offer for the position they accepted. 46% of graduates in this report received their job offer before January 2012 and 91% received their offer prior to graduation (May 2012).

<table>
<thead>
<tr>
<th>Received Offer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before September 2011</td>
<td>10%</td>
</tr>
<tr>
<td>September 2011 - December 2011</td>
<td>36%</td>
</tr>
<tr>
<td>January 2012 - May 2012</td>
<td>45%</td>
</tr>
<tr>
<td>June 2012 - September 2012</td>
<td>8%</td>
</tr>
<tr>
<td>October 2012 or later</td>
<td>1%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Analysis of Full-time Employed Respondents: How Received Offer

<table>
<thead>
<tr>
<th>How Received Offer</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting (OCR)</td>
<td>30%</td>
</tr>
<tr>
<td>Applied Directly to Organization</td>
<td>24%</td>
</tr>
<tr>
<td>Previous OCR Employer (summer internship obtained through OCR, resulting in full-time offer)</td>
<td>10%</td>
</tr>
<tr>
<td>Internet</td>
<td>10%</td>
</tr>
<tr>
<td>Other Career Services Leads</td>
<td>9%</td>
</tr>
<tr>
<td>Family/Friends/Contacts</td>
<td>7%</td>
</tr>
<tr>
<td>Previous Non-OCR Employer (summer internship not obtained through OCR, resulting in full-time offer)</td>
<td>4%</td>
</tr>
<tr>
<td>Department</td>
<td>3%</td>
</tr>
<tr>
<td>Other</td>
<td>3%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</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>Pennsylvania</td>
<td>48</td>
</tr>
<tr>
<td>California</td>
<td>46</td>
</tr>
<tr>
<td>New York</td>
<td>36</td>
</tr>
<tr>
<td>New Jersey</td>
<td>13</td>
</tr>
<tr>
<td>Massachusetts &amp; Washington State (each)</td>
<td>11</td>
</tr>
<tr>
<td>Virginia</td>
<td>8</td>
</tr>
<tr>
<td>Washington, D.C.</td>
<td>5</td>
</tr>
<tr>
<td>Connecticut &amp; Illinois (each)</td>
<td>4</td>
</tr>
<tr>
<td>Indiana, Maryland &amp; Texas (each)</td>
<td>3</td>
</tr>
<tr>
<td>Arizona, Michigan, Nevada, North Carolina, Ohio, Oklahoma, Oregon &amp; Wisconsin (each)</td>
<td>1</td>
</tr>
</tbody>
</table>

*Abroad (23 total): China (10), India (4), Kazakhstan (2), Brunei (1), Norway (1), Rwanda (1), Saudi Arabia (1) South Korea (1), Taiwan (1) & U.K. (1)*

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

<table>
<thead>
<tr>
<th>Type of Interview</th>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting (OCR) Interviews</td>
<td>1 - 20</td>
<td>5.3</td>
</tr>
<tr>
<td>Interviews Resulting from Career Services Leads (Career Day, Job Postings, PennLink)</td>
<td>1 – 30</td>
<td>4.5</td>
</tr>
<tr>
<td>Interviews on Their Own</td>
<td>1 – 30</td>
<td>4.9</td>
</tr>
<tr>
<td>All Interviews Combined</td>
<td>1 – 30</td>
<td>5.0</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Type of Offer</th>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting Offers</td>
<td>1 – 7</td>
<td>1.7</td>
</tr>
<tr>
<td>Career Services Offers (Career Day, Email Postings, PennLink)</td>
<td>1 – 3</td>
<td>1.3</td>
</tr>
<tr>
<td>Offers from Sources other than OCR and Career Services</td>
<td>1 – 5</td>
<td>1.5</td>
</tr>
<tr>
<td>All Offers Combined</td>
<td>1 – 7</td>
<td>1.6</td>
</tr>
</tbody>
</table>
## 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 2012 was $27,040 - $145,000. The average salary for these graduates was $78,008, an increase of 12.4% from 2011.

<table>
<thead>
<tr>
<th>Bonus Figures</th>
<th>Average</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sign-on Bonus (69)</td>
<td>$11,144</td>
<td>$1,000 - $45,000</td>
</tr>
<tr>
<td>Annual Bonus-estimated (59)</td>
<td>$9,372</td>
<td>$1,000 - $65,000</td>
</tr>
</tbody>
</table>

## 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 (7)</td>
<td>$69,929</td>
<td>$62,500 - $80,000</td>
</tr>
<tr>
<td>Biotechnology (MBiotech) (10)</td>
<td>$55,850</td>
<td>$28,000 - $105,000</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering (6)</td>
<td>$56,090</td>
<td>$27,040 - $78,500</td>
</tr>
<tr>
<td>Computer &amp; Information Science (31)</td>
<td>$91,065</td>
<td>$62,000 - $110,000</td>
</tr>
<tr>
<td>Computer &amp; Information Technology (MCIT) (17)</td>
<td>$88,853</td>
<td>$65,000 - $145,000</td>
</tr>
<tr>
<td>Computer Graphics &amp; Game Technology (8)</td>
<td>$88,500</td>
<td>$68,000 - $105,000</td>
</tr>
<tr>
<td>Electrical Engineering (6)</td>
<td>$77,902</td>
<td>$62,414 - $105,000</td>
</tr>
<tr>
<td>Embedded Systems (7)</td>
<td>$82,800</td>
<td>$65,000 - $90,000</td>
</tr>
<tr>
<td>Integrated Product Design (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering (4)</td>
<td>$58,375</td>
<td>$48,000 - $70,000</td>
</tr>
<tr>
<td>Mechanical Engineering &amp; Applied Mech. (8)</td>
<td>$69,000</td>
<td>$55,000 - $75,000</td>
</tr>
<tr>
<td>Nanotechnology (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Robotics (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Systems Engineering (7)</td>
<td>$62,857</td>
<td>$40,000 - $70,000</td>
</tr>
<tr>
<td>Telecommunications and Networking (16)</td>
<td>$79,906</td>
<td>$50,000 - $110,000</td>
</tr>
<tr>
<td>Overall (132)</td>
<td>$78,008</td>
<td>$27,040 - $145,000</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 (17)</td>
<td>$70,941</td>
<td>$55,000 - $103,000</td>
</tr>
<tr>
<td>Design (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Higher Education (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Higher Education Research Labs/Centers (4)</td>
<td>$50,000</td>
<td>$28,000 - $100,000</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Financial Services (22)</td>
<td>$79,773</td>
<td>$48,000 - $101,000</td>
</tr>
<tr>
<td>Federal Government (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Hospital (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Biomedical/Pharmaceuticals (8)</td>
<td>$66,188</td>
<td>$36,000 - $105,000</td>
</tr>
<tr>
<td>Manufacturing: Comp. Products-Hardware (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing: Consumer Products (3)</td>
<td>$89,333</td>
<td>$48,000 - $145,000</td>
</tr>
<tr>
<td>Manufacturing: Electronics/Robotics (6)</td>
<td>$70,333</td>
<td>$65,000 - $75,000</td>
</tr>
<tr>
<td>Manufacturing: Other (4)</td>
<td>$60,385</td>
<td>$27,040 - $75,000</td>
</tr>
<tr>
<td>All Manufacturing (22)</td>
<td>$69,820</td>
<td>$27,040 - $145,000</td>
</tr>
<tr>
<td>Retail/Wholesale (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology (58)</td>
<td>$87,036</td>
<td>$50,000 - $110,000</td>
</tr>
</tbody>
</table>

* Information/salary not reported to maintain confidentiality
<table>
<thead>
<tr>
<th>Type of Job (Number of Respondents)</th>
<th>Average</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management/Strategy (8)</td>
<td>$66,250</td>
<td>$55,000 - $70,000</td>
</tr>
<tr>
<td>Research (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology/Information Systems (5)</td>
<td>$68,200</td>
<td>$65,000 - $73,000</td>
</tr>
<tr>
<td><strong>Consulting Overall (15)</strong></td>
<td><strong>$65,867</strong></td>
<td>* - $73,000</td>
</tr>
<tr>
<td>Energy/Environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geology (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design (4)</td>
<td>$76,250</td>
<td>$72,000 - $85,000</td>
</tr>
<tr>
<td>Manufacturing/Production (4)</td>
<td>$58,635</td>
<td>$27,040 - $75,000</td>
</tr>
<tr>
<td>Research &amp; Development (10)</td>
<td>$71,491</td>
<td>$45,000 - $100,000</td>
</tr>
<tr>
<td>Testing (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Systems (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Project Management (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Engineering Overall (24)</strong></td>
<td><strong>$69,456</strong></td>
<td><strong>$27,040 - $100,000</strong></td>
</tr>
<tr>
<td>Finance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private Equity Analyst (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Securities Research Analyst (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Trading (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Venture Capital Analyst (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Finance Overall (4)</strong></td>
<td><strong>$68,500</strong></td>
<td><strong>$48,000 - $101,000</strong></td>
</tr>
<tr>
<td>Government</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intelligence/Law Enforcement (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Information Technology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Analyst/Administration (3)</td>
<td>$72,500</td>
<td>$62,500 - $90,000</td>
</tr>
<tr>
<td>Network Engineer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Program Manager (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Programmer (3)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Software Developer/Engineer (42)</td>
<td>$90,383</td>
<td>$50,000 - $110,000</td>
</tr>
<tr>
<td>Systems Engineer/Analyst (4)</td>
<td>$90,875</td>
<td>$78,500 - $110,000</td>
</tr>
<tr>
<td>Technical Artist/Game Developer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical Director (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical Support Specialist (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology Analyst (17)</td>
<td>$84,529</td>
<td>$65,000 - $145,000</td>
</tr>
<tr>
<td>Web Designer/Developer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Information Technology Overall (76)</strong></td>
<td><strong>$87,521</strong></td>
<td><strong>$50,000 - $145,000</strong></td>
</tr>
<tr>
<td>Management/Administration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operations (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Marketing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales/Sales Account Management (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Scientific Research</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology/Biochemistry (2)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Biomedical (Other) (4)</td>
<td>$37,000</td>
<td>$28,000 - $48,000</td>
</tr>
<tr>
<td>Chemistry (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Scientific Research Overall (7)</strong></td>
<td><strong>$38,557</strong></td>
<td><strong>$28,000 - $60,000</strong></td>
</tr>
</tbody>
</table>

* Information/salary not reported to maintain confidentiality
Industry | Employment by Industry | Industry | Employment by Industry
--- | --- | --- | ---
Technology | 102 | Communications | 4
Manufacturing | 47 | Energy/Natural Resources/Utilities | 4
Consulting | 32 | Design | 3
Financial Services | 32 | Healthcare | 3
Education | 14 | Retail/Wholesale | 1
Government | 6 |  |

**Analysis of Full-time Employment: By Industry**

**Full-time Employment by Industry**

*With Manufacturing Subchart*

- Technology: 41%
- Manufacturing: 19%
- Consulting: 13%
- Financial Services: 13%
- Education: 6%
- Communications: 2%
- Energy/Natural Resources/Utilities: 2%
- Design: 1%
- Government: 2%
- Healthcare: 1%
- Retail/Wholesale: <1%

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

- Biomedical Products/Pharmaceuticals: 34%
- Consumer Products: 6%
- Computer Products - Hardware: 9%
- Aerospace: 13%
- Other: 19%
- Electronics/Robotics: 19%
Analysis of Full-time Employment: By Program of Study

Bioengineering
A.T. Kearney, New York, NY, Business Analyst
ClearView Healthcare Partners, Newton, MA, Analyst
Equinox Group, Lexington, MA, Research Associate
Exponent, Biomedical Engineering Practice, Philadelphia, PA, Associate
IBM, New York, NY, Consultant
IBM Global Business Services, Global Business Services, New York, NY, Consultant
Lockheed Martin, MS2, Moorestown, NJ, Member of Engineering Staff
Meal2U, Inc., College Park, MD, Founder
Pascal Metrics, Applied Science, Washington, DC, Junior Fellow
PetroChina Company Limited, Beijing, China, Entry Level
PricewaterhouseCoopers LLC, Advisory, Philadelphia, PA, Forensics Technology Associate
Reddwerks Corporation, Austin, TX, Pre-sales

Biotechnology
Accenture, Systems Integration Consulting, Philadelphia, PA, Analyst
Boston Scientific, Los Angeles, CA, Product Marketing Manager
Central Intelligence Agency, Directorate of Intelligence, Langley, VA, Science, Technology, and Weapons Analyst
Chromocell, Assay Development, North Brunswick, NJ, Senior Associate Scientist
ClearView Healthcare Partners, Newton, MA, Analyst
Genentech, Commercial Rotation Development Program, San Francisco, CA
GlaxoSmithKline, Heart Failure Drug Metabolism and PK, King of Prussia, PA, Senior Scientist
GlaxoSmithKline, United States, King of Prussia, PA, Senior Scientist
Harvard Medical School, Virology, Marlborough, MA, Research Assistant
Merck & Co., Technology Integration, West Point, PA, Process Scientist
Merck & Co, West Point, PA, Technical Operations
Novartis Vaccines and Diagnostics, Technical Development, Cambridge, MA, Analytical Specialist
Penn Medicine, Philadelphia, PA, Research Specialist
PriceSpective, Blue Bell, PA, Senior Analyst
Putnam Associates, Burlington, MA, Analyst
Reaction Biology Corporation, Malvern, PA, Research Technician
The Wistar Institute, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Pathology & Laboratory Medicine, Philadelphia, PA, Technical Manager
University of Pennsylvania, Perelman School of Medicine, Department of Pharmacology, Philadelphia, PA, Research Specialist A
University of Pennsylvania, Perelman School of Medicine, Department of Pharmacology, Philadelphia, PA, Research Specialist
University of Pennsylvania, Perelman School of Medicine, Department of Genetics, Philadelphia, PA
University of Pennsylvania, School of Dental Medicine, Microbiology, Philadelphia, PA, Research Specialist
Yale University, Hematology, New Haven, CT, Research Associate

Chemical and Biomolecular Engineering
Children’s Hospital of Philadelphia, Philadelphia, PA
Cummins, Inc., Midrange Engineering, Columbus, IN, Combustion, Performance, Emissions Engineer
GlaxoSmithKline, Downstream Process Development, King of Prussia, PA, Associate Scientist
Integral Molecular, Shotgun Mutagenesis Team, Philadelphia, PA, Research Associate
ITW - ERsystems, Garden Grove, CA, Chemist
Merck & Co., Merck Manufacturing Dept., West Point, PA, Global Services Associate
OSISoft, Philadelphia, PA, Customer Support Engineer
Porous Materials Inc., Lab, Ithaca, NY, Lab Technician
Zenith Technologies, Blue Bell, PA, Junior Automation Engineer

Computer and Information Science
AJO (Aronson+Johnson+Ortiz), Philadelphia, PA, Associate
Akamai Technologies Inc, Cambridge, MA, Associate Solutions Architect
Amazon.com, Seattle, WA, Software Developer
Amazon.com, BrandStores, Seattle, WA, Software Development Engineer
Applied Predictive Technology, Arlington, VA, Software Engineer
Bank of America, Technology, New York, NY, Technology Developer & Analyst
Bank of America Merrill Lynch, Mortgage Backed Securities, New York, NY, Associate
Bank of America Merrill Lynch, Global Markets Research and Technology, New York, NY, Technology Analyst and Developer
BlackRock, New York, NY, Analyst
Bloomberg L.P., Research and Development Department, New York, NY, Financial Software Developer
Citadel LLC, Chicago, IL, Financial Technology Associate
Citigroup, Institutional Client Group, New York, NY, Technology Analyst
Citigroup, New York, NY, IT analyst
comScore, Inc., Reston, VA, Developer
Connectify, Philadelphia, PA, Software Engineer
Deloitte LLP, Analytic and Forensic Technology, London, United Kingdom, Associate
Eli-Tech, Almaty, Kazakhstan, Software Engineer
Epic Systems, Verona, WI, Software Developer
Facebook, Menlo Park, CA, Software Developer Engineer
Fino Consulting, New York, NY, Software Engineer
Computer and Information Science, continued

Five Rings Capital, New York, NY
Georgetown University, Computer and Information Science, Washington, DC, Database Manager and Network App Developer
Goldman Sachs, New York, NY
Goldman Sachs, Technology, Jersey City, NJ, Technology Analyst
Groupon, Palo Alto, CA, Member of Technical Staff
Hulu, Los Angeles, CA, Title not disclosed
Jawbone, San Francisco, CA, Software Engineer
Linkedin, Mountain View, CA, Software Engineer
Marin Software, San Francisco, CA, Software Engineer
Merrill Lynch, New York, NY, Technology Associate
Microsoft Corporation, Seattle, WA, Software Design Engineer
Microsoft Corporation, Visual Studio Cloud Tools, Redmond, WA, Software Development Engineer
Microsoft Corporation, Servers and Tools Business, Seattle, WA, Software Engineer
Morgan Stanley Smith Barney, New York, NY, Technology and Data Analyst
Numbly, Philadelphia, PA, Engineer & Co-Founder
Oracle Corporation, Redwood City, CA, iOS Developer
Oracle Corporation, Redwood City, CA, Member of Technical Staff
Oracle Corporation, Data Partioning Team, Redwood City, CA, Member of Technical Staff
Oracle Corporation, Redwood City, CA, Title not disclosed
Oracle Corporation, XML DB, Redwood City, CA, Member of Technical Staff
Palantir Technologies, Palantir Finance, Palo Alto, CA, Software Engineer
PrimePay LLC, ReadySetWork, West Chester, PA, Web Developer
Salesforce.com, San Francisco, CA, Title not disclosed
Sansome Capital Partners, Location not disclosed, Investment Associate
Susquehanna International Group, Bala Cynwyd, PA, Financial Technology Associate
TripAdvisor, Boston, MA, Software Engineer
UBS, Group Technology, Stamford, CT, Software Developer
VMware Inc, Quality Engineering, Palo Alto, CA, Member of Technical Staff
Wireless Generation, Location not disclosed, Software Engineer
Yahoo! Corp., Search, Sunnyvale, CA, Software Engineer
Yext, Engineering, New York, NY, Software Developer
ZL Technologies, San Jose, CA, Software Engineer

Computer & Information Technology (MCIT)

Amazon.com, Seattle, WA, Software Development Engineer
Amazon.com, Seattle, WA, Software Development Engineer
Barclays Capital, New York, NY, Technology Analyst
Comcast Converged Products, Philadelphia, PA, Software Engineer
Comcast Interactive Media, Philadelphia, PA, Jr. Software Engineer
Data.com, San Francisco, CA, Performance Engineer
Deloitte LLP, Information Management, Philadelphia, PA, Business Technology Analyst
Google Inc., New York, NY, Software Engineer
Insight Venture Partners, Investment Team, Bronx, NY, Analyst
Mattel, El Segundo, CA, Technology Consultant
Microsoft Corporation, Redmond, WA, Program Manager
Morgan Stanley Smith Barney, New York, NY, Technical Analyst
Neat, Philadelphia, PA, Ruby Developer
Oracle Corporation, Redwood Shore, CA, Application Engineer
Oracle Corporation, Santa Clara, CA, Software Engineer
OSIsoft, Philadelphia, PA, Programmer
S&P Capital IQ, New York, NY, Database Engineer
SAP, Database and Technology Services, Newtown Square, PA, Associate Technology Consultant
TargetSpot, Inc., New York, NY, Software Engineer
UBS, Group Technology, Jersey City, NJ, Analyst
University of Pennsylvania, Purchasing Services, Philadelphia, PA, Manager, Purchasing Systems
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, IT Senior Project Leader
WebLinc LLC, Philadelphia, PA, Senior Software Engineer
Zappos.com, Website Systems, Las Vegas, NV, Developer

Computer Graphics and Game Technology

2K Sports, Visual Concept Studio, Novato, CA, Software Engineer
BlackRock, A&T, New York, NY, Analyst
Blue Sky Animation Studios, Research and Development, Greenwich, CT, Production Programmer
CrowdStar, San Francisco, CA, International Mobile Engineer
DreamWorks Animation, Los Angeles, CA, Technical Director
DreamWorks Animation, Technical Direction, Bangalore, India, Technical Director
Merge Interactive, Austin, TX, Software Engineer
Microsoft Corporation, Windows Phone, Redmond, WA, Software Developer
Storm8, Inc., Redwood City, CA, Software Engineer
US Army Aberdeen Test Center, Live Virtual Constructive, Aberdeen, MD, Computer Scientist
Zynga, San Francisco, CA, Associate Game Designer
Zynga, San Francisco, CA, Game Production, Design & Development
Zynga, San Francisco, CA, Software Engineer
Zynga, San Francisco, CA, Software Engineer
Electrical Engineering
China Direct Packaging, Sales, Beijing, China, Sales Manager
comScore, Inc., Reston, VA, Data Analyst
EMC, Sunnyvale, CA, Software Engineer
General Atomics Aeronautical Systems, Irvine, CA, Electrical Engineer
Intel Corporation, Folsom, CA, Component Design Engineer
Intel Corporation, Hillsboro, OR, Component Design Engineer
Juniper Networks, ASIC Team, Westford, MA, ASIC Design Engineer II
Kalorama Group, LLC, Washington, DC, Associate (Business Development-Asia)
LHP Software, Columbus, IN, Embedded Controls Engineer
Liveclips, LLC, Stamford, CT, Software Engineer
National Grid, Beijing, China, Title not disclosed
NAVAIR, Aircraft Launch & Recovery Engineering, Lakehurst, NJ, Electrical Engineer
Nokia, Cell Phone, Beijing, China, Product Manager
Oracle Corporation, Redwood City, CA, Member of Technical Staff
Oracle Corporation, Santa Clara, CA, Software/Firmware Engineer
Oracle Corporation, Location not disclosed, Title not disclosed
Penn Medicine, Radiology, Philadelphia, PA, Research Specialist C
Samsung, Seoul, South Korea, Title not disclosed
SanDisk, Shanghai, China, Test Development Engineer I
Storm8, Inc., Redwood Shores, CA, Software Engineer
Susquehanna International Group, Bala Cynwyd, PA, Technology Associate
The SI Org. Inc., King of Prussia, PA, Comm. Systems Engineer
United States Air Force, System Acquisition, Hanscom Air Force Base, MA, Electronics Engineer

Embedded Systems
Bank of America - Merrill Lynch, Jersey City, NJ, Technology Analyst
Kulicke and Soffa Industries, Philadelphia, PA, Embedded Software Engineer
Morgan Stanley, New York, NY, Title not disclosed
Qualcomm Incorporated, Qualcomm Corporate Technology, San Diego, CA, Virtual Platform Development Engineer
Qualcomm Incorporated, San Diego, CA, Embedded Software Engineer
Qualcomm Incorporated, R&D, San Diego, CA, Engineer
Strategic Research Insights, Inc, Plainsboro, NJ, Business Analyst
Theranos, Palo Alto, CA, Embedded Systems Engineer
Toyota Technical Center, Location not disclosed, Model Based Development Application Engineer

Integrated Product Design
IAC (InterActive Corp.), New York, NY, Software Engineer
MauroNewMedia, New York, NY, Design Research Associate
Re:Vision Architecture, Philadelphia, PA, Communications/Special Projects Manager
SammySays.com, Philadelphia, PA, Founder/CEO
Samsung Telecommunications America, Bridgewater, NJ, Project Manager II
TEAM Edge, Newtown, PA, Mechanical Engineer

Materials Science and Engineering
Advanced Technology and Materials Co.Ltd., Beijing, China, Marketing, Sales Engineer
Catcher Technology Inc., Tainan City, Taiwan, Title Not Disclosed
Consolidated Trading, Chicago, IL, Trader
Illinois Tool Works - Bangalore Integrated Systems Solutions, Bangalore, India, Business Development Manager
Johnson and Johnson, Skillman, NJ, Scientist 1
JSP, Detroit, MI, Process Engineer
Lockheed Martin, Moorestown, NJ, Member Engineering Staff
Ministry of Defense, Bandar Seri Begawan, Brunei, Title not disclosed
Statkraft, Oslo, Norway, Innovation, Trainee
Universal Display Corporation, Ewing, NJ, Chemistry Team, Analytical Chemist
USSC Group, Inc., Philadelphia, PA, Design Engineer

Mechanical Engineering & Applied Mechanics
First Tek, Inc., Location not disclosed, Product Design Engineer
General Electric, Grove City, PA, Product Development, Production and Reliability Engineer
Globus Medical, King of Prussia, PA, Product Development, Associate Project Engineer
Henghaotian Technology Inc., Beijing, China, Partner
Intel Corporation, Phoenix, AZ, Lithography/Fabrication, Process Engineer
Lockheed Martin, Location not disclosed, Associate Member, Engineering Staff
Lutron Electronics Co., Inc., Coopersburg, PA, Window Systems, Senior Project Mechanical Engineer
McCormick and Company, Hunt Valley, MD, Manufacturing, Production Team Manager
Northrop Grumman Corporation, Annapolis, MD, Undersea Division, Mechanical Engineer
Pragma Trading, New York, NY, Trading Systems Developer
Solid State Equipment Corporation, Horsham, PA, Engineering, R & D Engineer
Street Solutions, Inc., New York, NY, Business Technology Analyst
University of Pennsylvania, Spine Pain Research Laboratory, Philadelphia, PA, Research Technician
Utley's Inc., Queens, NY, Mechanical Engineer and CAD Designer
Nanotechnology
Nucleus Group, Client Services, Hamilton, NJ, Account Executive
Zabala Innovation Consulting, S.A., Philadelphia, PA, Title not disclosed

Robotics
Barrett Technology Inc., Software, Cambridge, MA, Robotics Engineer
Deloitte LLP, Application Development, Harrisburg, PA, Application Developer
Endress+Hauser, Indianapolis, IN, Embedded Software Engineer
Everyday Health, New York, NY, Quality Assurance Engineer
Google Inc, Mountain View, CA, Software Engineer
Intuitive Surgical, Sunnyvale, CA, Mechanical Engineering Intern/Roboticist

Systems Engineering
Booz Allen Hamilton, Technology Capability, Washington, DC, Consultant
Citi, New York, NY, Analyst
comScore, Inc., Reston, VA, Product Analyst
comScore, Inc., Reston, VA, Data Analyst
Horizon Well Logging, Tulsa, OK, Mud Logger
Lockheed Martin, MS2, Moorestown, NJ, Title Not Disclosed
Lockheed Martin, Cleveland, OH, Systems Engineer
McKinsey & Company, Beijing, China, Business Analyst
Morgan Stanley, Investment Banking, Beijing, China, Analyst
Risk Management Solutions, Global Products Services, Hoboken, NJ, Title Not Disclosed
SAP, Newtown Square, PA, Support Engineer
University of Pennsylvania, SEAS, Electrical & Systems Engineering, Philadelphia, PA, Research Scientist
Vista Equity Partners, Private Equity, Chicago, IL, Analyst
XR Trading, Chicago, IL, Junior Trader

Telecommunications and Networking
Accenture, Washington, DC, Technology Consultant
Amazon.com, Seattle, WA, Software Developer
Bank of America, GWIM Technology, Merrill Lynch, Hopewell Township, NJ, Technology Analyst
Barclays Capital, New York, NY, Business Technology Analyst
Beijing QL Technology Co., Ltd, Beijing, Co-Founder & CTO
Broadview Networks, Technology Integration Lab, Philadelphia, PA, Engineer
comScore, Inc, Reston, VA, Software Engineer
Ericsson, IP Broadband, Plano, TX, Engineer I
Ernst and Young, Advisory Program, New York, NY, Management Consultant
Gate 1 Travel, IT, Fort Washington, PA, Software Developer
IBM, Location not disclosed, Consultant
LLP BPC, Astana, Kazakhstan, SAP Consultant
Lutron Electronics Co., Inc., Electrical/Embedded, Coopersburg, PA, Senior Project Electrical Engineer Embedded
Microsoft Corporation, Charlotte, NC, Technical Support Engineer
Ministry of Information and Communications Technology, Kigali, Rwanda, Title Not Disclosed
NetApp, Location not disclosed, Software Engineer - Networking
Open Networks Laboratory, Stanford University, Palo Alto, CA, Title not disclosed
Oracle Corporation, Redwood Shores, CA, Technical Staff
PricewaterhouseCoopers LLC, Advisory, Philadelphia, PA, Associate
PricewaterhouseCoopers LLC, New York, NY, Technology Advisor
PricewaterhouseCoopers LLC, Philadelphia, PA, Associate Technology Consultant
Qualcomm Incorporated, Wireless Connectivity, San Diego, CA, WLAN Test Engineer
Saudi Aramco, Saudi Arabia, Data Network Engineer
Tritek Solutions, Annandale, VA, Programmer Analyst
UBS, Group Technology, New York, NY, Business Analyst
UBS, Infrastructure, Jersey City, NJ, GTP
WatchGuard Technologies, Seattle, WA, Software Engineer II
Yahoo! Corp., Labs, Santa Clara, CA, System Administrator and Paranoid
SECTION IV - ANALYSIS OF CONTINUED STUDY

**Bioengineering**
Boston University, Boston, MA
Columbia University, New York, NY
Harvard Business School, Boston, MA
Harvard University, Cambridge, MA
University of Pennsylvania, Philadelphia, PA
University of Southern California, Los Angeles, CA
University of Texas, Houston, TX
Washington University in St. Louis, St. Louis, MO
Yale University, Yale School of Medicine, New Haven, CT

**Biotechnology**
Albert Einstein College of Medicine, Bronx, NY
Institution not disclosed
Johns Hopkins University, Baltimore, MD
University of Chicago, Chicago, IL
University of Pennsylvania, Philadelphia, PA
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA
University of Wisconsin – Madison, Madison, WI

**Chemical and Biomolecular Engineering**
Princeton University, Princeton, NJ
University of Massachusetts Amherst, Amherst, MA

**Computer and Information Science**
University of Pennsylvania, Philadelphia, PA

**Computer and Information Technology (MCIT)**
University of Maryland, College Park, MD

**Computer Graphics & Game Technology**
University of Pennsylvania, Philadelphia, PA

**Electrical Engineering**
University of California, San Diego, La Jolla, CA
University of Illinois at Chicago, Chicago, IL
University of Pennsylvania, Philadelphia, PA
University of Pennsylvania, Philadelphia, PA
University of Pennsylvania, Philadelphia, PA

**Electrical Engineering & Applied Mechanics**
University of Pennsylvania, Philadelphia, PA

**Materials Science and Engineering**
California Institute of Technology, Pasadena, CA
California Institute of Technology, Pasadena, CA
University of Pennsylvania, Philadelphia, PA
University of Southern California, Los Angeles, CA

**Mechanical Engineering & Applied Mechanics**
University of Pennsylvania, Philadelphia, PA

**Nanotechnology**
National University of Singapore, Singapore

**Robotics**
University of Pennsylvania, Philadelphia, PA
University of Southern California, Los Angeles, CA

**Telecommunications and Networking**
University of Pennsylvania, Philadelphia, PA
University of Pennsylvania, The Wharton School, Philadelphia, PA

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MD (Medicine)
PhD (Biomedical Engineering)
MBA (Business)
JD (Law)
PhD (Bioengineering)
PhD (Pharmaceutical Sciences)
MD (Medicine)
PhD (Engineering)
MD (Medicine)
PhD (Science)
MD/PhD (Engineering)
PhD (Biomedical Engineering)
PhD (Science)
PhD (Biology)
PhD (Genomics & Computational Biology)
PhD (Pharmacology)
PhD (Medicine)
PhD (Engineering)
PhD (Engineering)
PhD (Computer & Information Science)
PhD (Science)
PhD (Computer & Information Science)
PhD (Engineering)
PhD (Engineering)
PhD (Engineering)
PhD (Engineering)
PhD (Engineering)
PhD (Materials Science)
PhD (Science)
PhD (Materials Science and Engineering)
PhD (Engineering)
PhD (Chemical & Biomolecular Engineering)
PhD (Mechanical Engineering & Applied Mechanics)
PhD (Engineering)
PhD (Electrical & Systems Engineering)
PhD (Computer Science)
PhD (Electrical & Systems Engineering)
PhD (Business)