School of Engineering & Applied Science
Master’s Degree Candidates
Class of 2018
Career Plans Survey Report

Sections

Post-Graduation Plans
Full-Time Employment
  Job Offers
  Industry & Job Function
  Geography
  Salaries by Industry
  Salaries by Job Function
First Destinations by Program of Study

Methodology

Career Services at the University of Pennsylvania annually surveys graduating students to provide a snapshot of their post-graduation plans.

This report looks at School of Engineering & Applied Science graduate students who received master’s degrees from August 2017–May 2018. Students were surveyed up to six months from their graduation date, with an 70% response rate. Additional information was then collected via LinkedIn and other sources, bringing the total knowledge rate up to 79%. Of the total 496 known outcomes, 90% came from online/phone surveys and 10% came from LinkedIn and other online sources.
# Post-Graduation Plans

496 responses

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## Full-Time Employment

### How They Heard About the Opportunity

297 responses

- Applied Directly: 35%
- Summer Internship/Previous Employer: 15%
- Other: 13%
- Penn Contacts: 12%
- On-Campus Recruiting: 10%
- Non-Penn Contact: 8%
- Other Career Services Resources: 7%

### Top Employers

- Microsoft (22)
- University of Pennsylvania (16)
- Facebook (14)
- Google, Inc. (11)
- Amazon (9)
- Bloomberg (8)
- Apple (7)
- Lockheed Martin (5)
- Goldman Sachs (5)
- Massachusetts Institute of Technology (4)
- Deloitte (4)
- McKinsey & Company (4)
- IQVIA (4)

### When They Received Their Offer

451 responses

- Before Sep: 13%
- Sep-Oct: 12%
- Nov-Dec: 26%
- Jan-Feb: 19%
- Mar-Apr: 16%
- May-Jun: 11%
- Jul or later: 3%
Full-Time Employment

Industry
327 responses

- Technology, 39%
- Manufacturing, 21%
- Consulting, 11%
- Education, 11%
- Financial Services, 7%
- Communications, 3%
- Energy/Natural Resources/Utilities, 3%
- Healthcare, 2%
- Nonprofit, 1%
- Telecommunications, 1%
- Government, 0.3%
- Hospitality/Leisure/Sports, 0.3%
- Insurance, 0.3%
- Real Estate/Construction, 0.3%
- Retail/Wholesale, 0.3%

Job Function
315 responses

- Information Technology, 51%
- Engineering, 13%
- Education, 13%
- Consulting, 9%
- Data Analytics, 5%
- Finance, 2%
- Management, 2%
- Energy / Environment, 0.6%
- Healthcare, 0.6%
- Scientific Research, 0.6%
Full-Time Employment

Employers by State
348 responses

International Students
Of the 215 respondents working full-time who identified as “foreign nationals,” 177 (82%) were employed in the U.S.

U.S. Employers of Foreign Nationals

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## Salaries

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<thead>
<tr>
<th>Overall Salaries</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>229</td>
<td>$96,016</td>
<td>$100,000 - $160,000</td>
</tr>
<tr>
<td>Signing Bonuses</td>
<td>$23,752</td>
<td>$15,000 - $132,000</td>
</tr>
</tbody>
</table>

### Salary by Industry

<table>
<thead>
<tr>
<th>Industry</th>
<th>Reporting</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>8</td>
<td>$84,500</td>
<td>$70,000 - $130,000</td>
</tr>
<tr>
<td>Consulting</td>
<td>26</td>
<td>$75,250</td>
<td>$42,000 - $160,000</td>
</tr>
<tr>
<td>Education</td>
<td>15</td>
<td>$55,000</td>
<td>$35,000 - $132,500</td>
</tr>
<tr>
<td>Elementary/Secondary Education</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Higher Education</td>
<td>13</td>
<td>$55,000</td>
<td>$35,000 - $132,500</td>
</tr>
<tr>
<td>Research Labs/Centers - Higher Education</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities</td>
<td>7</td>
<td>$68,000</td>
<td>$59,000 - $120,000</td>
</tr>
<tr>
<td>Financial Services</td>
<td>14</td>
<td>$110,000</td>
<td>$80,000 - $150,000</td>
</tr>
<tr>
<td>Diversified Financial Services (including commercial/retail banking)</td>
<td>3</td>
<td>$116,000</td>
<td>$90,000 - $127,000</td>
</tr>
<tr>
<td>Investment Banking / Brokerage</td>
<td>7</td>
<td>$110,000</td>
<td>$85,000 - $110,000</td>
</tr>
<tr>
<td>Investment Management/Counsel</td>
<td>4</td>
<td>$95,000</td>
<td>$80,000 - $150,000</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>47</td>
<td>$87,000</td>
<td>$42,000 - $142,000</td>
</tr>
<tr>
<td>Aerospace</td>
<td>13</td>
<td>$87,000</td>
<td>$50,000 - $142,000</td>
</tr>
<tr>
<td>Automotive</td>
<td>5</td>
<td>$120,000</td>
<td>$115,000 - $135,000</td>
</tr>
<tr>
<td>Biomedical Products/Pharmaceuticals</td>
<td>10</td>
<td>$76,250</td>
<td>$60,000 - $125,000</td>
</tr>
<tr>
<td>Chemicals/Gases</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Computer Products - Hardware</td>
<td>8</td>
<td>$87,500</td>
<td>$42,000 - $131,000</td>
</tr>
<tr>
<td>Consumer Products</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Electronics/Robotics</td>
<td>5</td>
<td>$85,000</td>
<td>$65,000 - $112,000</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td>$72,000</td>
<td>$65,000 - $120,000</td>
</tr>
<tr>
<td>Technology</td>
<td>95</td>
<td>$115,000</td>
<td>$35,000 - $150,000</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>3</td>
<td>$85,000</td>
<td>$83,000 - $95,000</td>
</tr>
</tbody>
</table>

*Fewer than 3 reported salaries not published to maintain confidentiality.*

Continued on Next Page
## 2018 SCHOOL OF ENGINEERING & APPLIED SCIENCE

### Salaries

#### Salary by Job Function

<table>
<thead>
<tr>
<th>Job Function</th>
<th>Reporting</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting</td>
<td>22</td>
<td>$75,500</td>
<td>$42,000 - $160,000</td>
</tr>
<tr>
<td>Management/Strategy</td>
<td>17</td>
<td>$77,500</td>
<td>$42,000 - $160,000</td>
</tr>
<tr>
<td>Technical/Information Systems</td>
<td>5</td>
<td>$75,500</td>
<td>$70,000 - $75,500</td>
</tr>
<tr>
<td>Data Analytics</td>
<td>8</td>
<td>$87,750</td>
<td>$60,000 - $130,000</td>
</tr>
<tr>
<td>Data Analyst</td>
<td>8</td>
<td>$87,750</td>
<td>$60,000 - $130,000</td>
</tr>
<tr>
<td>Education</td>
<td>16</td>
<td>$53,810</td>
<td>$35,000 - $132,500</td>
</tr>
<tr>
<td>Research</td>
<td>14</td>
<td>$53,810</td>
<td>$35,000 - $132,500</td>
</tr>
<tr>
<td>Teaching</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Energy/Environment</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Design</td>
<td>4</td>
<td>$75,000</td>
<td>$42,000 - $85,000</td>
</tr>
<tr>
<td>Project Management</td>
<td>9</td>
<td>$85,000</td>
<td>$60,000 - $131,000</td>
</tr>
<tr>
<td>Research &amp; Development</td>
<td>9</td>
<td>$65,000</td>
<td>$48,742 - $108,000</td>
</tr>
<tr>
<td>Systems</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Testing</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Finance</td>
<td>5</td>
<td>$90,000</td>
<td>$80,000 - $110,000</td>
</tr>
<tr>
<td>Financial Planning &amp; Analysis (non-banking)</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Investment Banking Analyst</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Trading</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Information Technology</td>
<td>119</td>
<td>$112,000</td>
<td>$35,000 - $150,000</td>
</tr>
<tr>
<td>Program Manager</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Software Developer / Engineer</td>
<td>107</td>
<td>$112,320</td>
<td>$35,000 - $150,000</td>
</tr>
<tr>
<td>Technical Artist/ Animator / Game Developer</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Technical Director</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Technical Support Specialist</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Technology Analyst</td>
<td>3</td>
<td>$50,000</td>
<td>$40,000 - $100,000</td>
</tr>
<tr>
<td>Web Designer/Developer</td>
<td>3</td>
<td>$110,000</td>
<td>$85,000 - $140,000</td>
</tr>
<tr>
<td>Management</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Entrepreneur/Founder</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Operations</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Scientific Research</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Biomedical (other)</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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2018 SCHOOL OF ENGINEERING & APPLIED SCIENCE

First Destinations by Program of Study

Bioengineering

Biotechnology (MBiotech)

Chemical & Biomolecular Engineering

Computer & Information Science

Computer & Information Technology (MCIT)

Computer Graphics & Game Technology

Data Science

Electrical Engineering

Embedded Systems

Integrated Product Design

Integrated Product Design (MSE)

Materials Science & Engineering

Mechanical Engineering & Applied Mechanics

Nanotechnology

Robotics

Scientific Computing

Systems Engineering
First Destinations by Program of Study

Bioengineering

AstraZeneca, Graduate Scientist
Electronic Arts, Software Engineer
Epic, Technical Problem Solver
Ericsson, Project Manager
Eurofins Lancaster Laboratories, Professional Scientific Services, LLC, Downstream Scientist
HighPoint Solutions, an IQVIA Company, Consultant
IQVIA, Analyst
IQVIA, Data Scientist, Consultant
Isobatic Technologies, Research Assistant
Massachusetts General Hospital, Clinical Research Coordinator II
MathWorks, Application Support Engineer
Opentrons, Associate Mechanical Engineer
Qntfy, Software Developer/Data Scientist
repidisic, inc., Contractor-Software Engineering
SQZ Biotech, Engineer
The Broad Institute of MIT and Harvard, Research Associate
University of Pennsylvania, Research Specialist
University of Pennsylvania, Research Specialist A
University of Pennsylvania, Technician
ZS Associates, Decision Analytics Associate

Biotechnology (MBiotech)

Accenture, Management Consultant
BluePrint Research Group, Associate
Bosen American Capital, Inc., Executive Manager
Cohesity, Member of Technical Staff
Deloitte, Business Technology Analyst
Deloitte, Business Technology Analyst - Life Sciences
GE Healthcare, Quality and Regulatory Leadership Program
ICON plc, Analyst
IMS Health Shanghai, Consulting Assistant
IQVIA, Analyst
Merck & Co., Inc., Associate Engineer
Perelman School of Medicine at the University of Pennsylvania, Research Specialist
Putnam Associates, Associate Consultant Level II
Roche, Business Development Intern
The Boston Consulting Group, Consulting Intern
University of Pennsylvania, Research Coordinator
University of Pennsylvania, Research Specialist

Chemical & Biomolecular Engineering

Adesis, Inc., Flow Chemistry Engineer
Amyris, Associate Scientist II, Fermentation
AstroNova, Inc., Media Test Engineer
Biochem USA, Process Development Engineer
Cofactor Group, Associate Consultant
Gartner, Business Associate
HighPoint Solutions, Analyst
Tmunity Therapeutics Inc., Associate Process Engineer

Computer & Information Science

Adobe Systems, Software Engineer
Airbnb, Software Engineer
Akuna Capital, Software Developer
Amazon, Software Developer, EC2 Core Platform, AWS
Amazon, Software Development Engineer
Amazon, Software Development Engineer
Amazon, Software Development Engineer
Amazon, Software Development Engineer
Amazon, Software Engineer
Amazon Lab126, Software Development Engineer
Amazon Robotics, Software Development Engineer
Apple, Business Analyst
Apple, Data Infrastructure Engineer
Apple, Machine Learning Engineer
Audible, Inc., Software Developer
Beijing Jingdong Century Trading Co. LTD, Software Engineer
Bloomberg, Software Engineer
Bloomberg, Software Engineer
Bloomberg, Software Engineer
Bloomberg, Software Engineer
Cisco, Software Engineer
Citadel LLC, Software Engineer
Cohesity, Member of Technical Staff
Comcast, Software Engineer
Facebook, Production Engineer
Facebook, Production Engineer
Facebook, Research Engineer, Artificial Intelligence
Facebook, Software Engineer
Facebook, Software Engineer
Facebook, Software Engineer
Facebook, Software Engineer
Facebook, Software Engineer
Goldman Sachs, Technology Analyst
Google, Inc., Associate Product Management
Google, Inc., Software Engineer
Google, Inc., Software Engineer
Google, Inc., Software Engineer
Google, Inc., Software Engineer
IBM, Site Reliability Engineer
Instagram, Software Engineer
IQVIA, Machine Learning Consultant
Juniper Networks, Software Engineer
Lobe Artificial Intelligence, Inc., Cofounder
Lutron Electronics Company, Inc., Senior Project Software Engineer
Lyft, Software Engineer
McKinsey & Company, Business Analyst
Microsoft, Software Development Engineer
Microsoft, Software Development Engineer
Microsoft, Software Development Engineer
Microsoft, Software Engineer
Microsoft, Software Engineer
Microsoft, Software Engineer
Microsoft, Software Engineer
Microsoft, Software Engineer II
MongoDB, Software Engineer
Moody's Analytics, Software Engineer
Morgan Stanley, Technology Analyst
Nokia, Data Scientist
Nuro Inc., Software Engineer
Oracle, Member of Technical Staff
Oracle, Software Developer
Oracle, Software Engineer
PayPal, Software Engineer
Root AI, Machine Learning Engineer
SAP, Software Engineer
Twitch, Software Engineer
University of Pennsylvania, Penn Museum, Android Developer
VMware, Inc., Software Engineer
VMware, Inc., Software Engineer
Wayfair, Software Engineer

Computer & Information Technology (MCIT)

Amazon, Software Development Engineer
Amazon, Software Engineer
Audible, Inc., Software Development Engineer
Bank of America, Software Engineer
Bloomberg, Software Engineer
Bloomberg, Software Engineer
Bloomberg, Software Engineer
Bloomberg, Software Engineer
Capital One, Software Engineer
Care.com, Software Engineer II
Comcast NBCUniversal, CORE Technology Associate
Facebook, Software Engineer
Facebook, Software Engineer
Facebook, Software Engineer
Facebook, Software engineer
Facebook, Software Engineer
Google, Inc., Associate Product Manager
Google, Inc., Software Engineer
Google, Inc., Software Engineer
Google, Inc., Technical Writer
GRAIL, Software Engineer
Innovating Capital, Investor
IQVIA, Machine Learning Consultant
JRI America, Inc., Junior Software Developer
Mark43, Software Engineer
Mayo Clinic, Data Scientist
Microsoft, Software Engineer
Microsoft, Software Engineer
Microsoft, Software Engineer
Oracle, Software Engineer
Penn Medicine, Post-Doctoral Researcher
Philadelphia Phillies, Software Engineering Intern
Siemens Energy Inc., Engineer
Squishable.com, Inc., Ecommerce Associate
University of Pennsylvania, Application Developer
University of Pennsylvania Law School, App Developer & Project Lead
VMware, Inc., Member of Technical Staff
Wayfair, Business Intelligence Analyst
WillowTree Inc., Software Engineer

Computer Graphics & Game Technology

Amazon, Software Development Engineer
Baidu USA LLC, Virtual Environment Engineer
Blue Sky Studios, Research & Development Associate
Caliper, Junior Software Developer
CONFETTI Interactive, Inc., Senior Graphics Programmer
Electronic Arts, Graphics Engineer
Framestore, VR Developer Intern
Framestore, VR Developer Internship
Google, Inc., Software Engineering Resident
Kunlun Tech Co., Ltd., Beijing, China, 3D Game Engine Engineer
LAIKA, LLC, Junior Technical Director
Method Studios, Assistant Technical Director
Microsoft, Software Engineer
Microsoft, Software Engineer
Microsoft, Software Engineer
NetEase Games, Technical Artist
Pixar, Software Engineer
Shoobx, Software Engineer
Siemens Healthineers, Visualization Software Engineer
Data Science

- Cohesity, Member of Technical Staff
- Horizon Media, Analyst, Data Engineering
- Petuum, Inc., Machine Learning Engineer
- Vanguard, Machine Learning Engineer
- Welligence Energy Analytics, Data Scientist

Electrical Engineering

- Accion Systems, R&D Engineer
- Amazon, Software Development Engineer
- Analog Devices, Product Engineer
- Aptiv, Localization Engineer
- Boston Energy Trading and Marketing, Energy Trading Analyst
- Bresslergroup, Electrical Engineer
- CenTrak, Development Engineer
- Citi, Software Engineer
- Crossbeam, Inc., Software Development Engineer Intern
- Ford Motor Company, Electrical Engineer, Advanced EE Architecture
- Google, Inc., Software Engineer
- KAIST Institute of IT Convergence, Research Engineer
- KLA-Tencor, Research Scientist 3
- Microsoft, Software Engineer
- Microsoft, Software Engineer
- Morgan Stanley, Associate Software Engineer
- Nike, INC, Machine Learning Engineer
- Novateur Research Solutions, Research Engineer
- Oculii, Hardware/Software Intern
- Silead, Analog IC Design
- UL, Engineer
- Viasat Inc., RF Test Engineer
- ZF Friedrichshafen AG, ZF Global Trainee

Embedded Systems

- Apple, Software Engineer
- Collins Aerospace, Software Engineer
- Ghost Robot, System Engineer
- Intel Corporation, Embedded Firmware Engineer
- Lockheed Martin, Computer Engineer
- National Grid, Snr. Software Engineer
- NIO, Firmware Engineer
- NVIDIA Corporation, Software Engineer
- Real-Time Innovations (RTI), Software Engineer
- Rivian, Connected Car Systems Engineer
- Rivian Automotive, Firmware Engineer
- Siemens Healthineers, Image Analytics
- TA Instruments, Inc., Sr. Embedded Software Developer
- Technical Consulting & Research, Inc., Web Engineer Intern
Integrated Product Design

CardConnect, Product Strategy Manager
Fitbit, Product Manager
Google, Inc., Interaction Designer
GSK, Designer - Tech Expert Program
IA Collaborative, Design Researcher
Indeed, Design Technologist
INSITUM, Design Researcher & Strategist
Oxo, Product Manager
Schneider Electric, Digital Business Design Associate
Smart Design, Strategy
Stellar, Cofounder
Stellar, Cofounder
Think Company, Experience Designer
Wondersauce, Experience Strategy

Integrated Product Design (MSE)

HTC, Mechanical Engineer
Mission Staff, UX Research Contractor
Pipedream Labs, Technical Cofounder

Materials Science & Engineering

Applied Materials, Process Engineer
Arconic, Product Metallurgical Engineer
Asurion, Business Analyst
Audible, Inc., Software Development Engineer
CCB Trust Co., Ltd., Senior Analyst
Eos Energy Storage, Quality Engineer
Evan Dolling
Facebook, Software Engineer
JRI America, Inc., Junior Software Developer
Schlumberger, Field Engineer
Tech Tube, Senior Director of Product Development and Engineering
University of Pennsylvania, Temporary Research Assistant
VMware, Inc., Member of Technical Staff

Mechanical Engineering & Applied Mechanics

Akebono Advanced Engineering LTD, Automotive Engineer
Amphenol, Project Engineer North America
Boston Children's Hospital, Medical Device Research Engineer
Duke Empirical, Inc., Project Engineer
Exyn Technologies, Mechatronics Engineer
Flexitallic, Development and Testing Engineer
Forbes Marshall, Post Graduate Trainee Engineer
Harris Corporation, Systems Engineer
Holtec International, Adjunct Project Manager
Holtec International, Business Development Engineer
Holtec International, Business Development Engineer
Integral Group, Building Analyst
Kuwait Institute for Scientific Research, Research Associate
Lockheed Martin, Systems Engineer
McMaster-Carr, Development and Design
NASA, Engineer
Plus Group Consulting Engineering, Mechanical Design Engineer
RandomWalk Technologies, Founder/ Lead Data Scientist
Siemens Energy Inc., Engineer
Stryker, Product Development Engineer
University of Pennsylvania, GRASP Laboratory, Multi-Robot Systems Laboratory, Application Developer, Mechanical Engineering & Applied Mechanics
Voltaic Systems, Testing Engineer

Nanotechnology

Honeywell, Engineering Technician III
Lockheed Martin, Member Engineering Staff
University of Pennsylvania, Quattrone Nanofabrication Facility Service Center

Robotics

Aescape, Robotics Mechanical Engineering Intern
Apple, Software Development Engineer
Apple, System Test Design Lead
Auris Health, Inc., Software Engineer
Aurora, Software Developer
Axon, Mechanical Engineering Rotational
Bank of America, Programmer
Beijing Jingdong Century Trading Co. LTD, Software Engineer
BlackRock, Aladdin Client Services - Analyst
BluHaptics, Robotics Software Engineer
Boeing, Design Engineer
Cloudwalk, CV Research Engineer
DEKA Research & Development, Junior Mechanical Engineer
Disney Imagineering, Associate Ride Mechanical Engineer
Ghost Robot, System Engineer
Goldman Sachs, Trading
Honda R&D Americas, Inc.,
Honeywell International Inc., Research Scientist II
iCueMotion LLC, Lead Computer Vision Engineer
Lockheed Martin, Research Scientist
Lutron Electronics Company, Inc., Senior Mechanical Project Engineer
Marble Robots Inc, Founding Robotics Engineer
Mayo Clinic, Data Scientist
McKinsey & Company, Digital Business Analyst
Microsoft, Mechanical Engineer
Microsoft, Software Development Engineer
Niantic, Inc., Software Engineer
Northrop Grumman, Manufacturing Engineer
NVIDIA Corporation, Mobile Robotic Software Engineer
NVIDIA Corporation, Software Engineer
Optimus Ride, Software Engineer - Perception
Orbital ATK, Systems Engineer
Peanut Robotics, Co-Founder & Robotics Engineer
PrecisionGx, Chief Technology Officer
Prototype Capital, Founder and CEO
Rakuten, Inc., Research Engineer
Rivian, Perception Engineer
Salesforce, Software Engineer
SpaceX, Mechanical Engineer
SpaceX, Structures Engineer
TSMC, Equipment Engineer
University of Pennsylvania, Director, PERCH Shops & Technical Facilities
University of Pennsylvania, Research Assistant
University of Pennsylvania, Research Assistant
University of Pennsylvania, GRASP Laboratory, Laboratory Assistant, Mechanical Engineering & Applied Mechanics
University of Pennsylvania, GRASP Laboratory, Research Assistant
West Nottingham Academy, STEM Teacher

Scientific Computing
Amazon, Software Engineer
Bloomberg, Software Engineer
Checkmate Diabetess, Chief Technology Officer
Goldman Sachs, Software Engineer
Microsoft, Software Engineer
Protective Life Insurance Company, Data Scientist

Systems Engineering
AQR, Quantitative Research Analyst
Avascent, Analyst
Baidu, Inc., Product Manager
Bain & Company, Associate Consultant
Bain & Company, Associate Consultant
Banza, Rotational Associate
Brownson, Rehms & Foxworth, Financial Analyst
Cadre, Product Manager
Chicago Trading Company, Options Trader
China Industrial Securities International Financial Group Limited,
Clarivate Analytics, Software Engineer
Coca-Cola, Management Trainee Program
Deloitte, Business Technology Analyst
Deloitte, Tech Analyst
Federal Reserve Bank of Philadelphia, Economic Analyst
Gartner, Business Associate
Goldman Sachs, Quantitative Analyst
Goldman Sachs, Software Engineer
Halma, Graduate Fellow
Health Advances, LLC, Analyst
Huaying Securities, Associate
IBI Group, Analyst
JPMorgan Chase & Co., Markets Analyst
Lockheed Martin, Systems Engineer
McKinsey & Company, Business Analyst
Navigant, Consultant
Sinolink Securities, Equity Research Analyst
Tencent, Overseas Business Manager
The Boston Consulting Group, Associate
The Boston Consulting Group, Management Consultant
The MITRE Corporation, Senior Computer Science Data Analyst
Wind Information, Algorithm Engineer