School of Engineering & Applied Science, Master’s Degree Candidates
2021 Career Plans Survey Report

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 696 graduates from the schools listed above who received their degrees between August 2020–May 2021. Students were surveyed up to six months from their graduation date, with a 46% response rate. Additional information was then collected via LinkedIn and other sources, bringing the total knowledge rate up to 71%, a total of 491 known graduate outcomes.

Sections
1. Post-Graduation Outcomes
   a. Job Offers & Hiring Timeline
   b. Industries & Job Functions
   c. Geography & International Students
   d. Salaries by Industry & Job Function
2. Full-Time Employment
3. Positions by Program
**Post-Graduation Plans**

491 responses

- **Full-Time Employment**: 77.0%
- **Continuing Education**: 15.3%
- **Seeking Employment**: 6.7%
- **Military**: 0.4%
- **Not Seeking**: 0.4%
- **Volunteering**: 0.2%

93.3% of graduates were either employed, enrolled in continuing education, volunteering, serving in the military, or not seeking in the first 6 months after graduation.

**Full-Time Employment**

**How They Heard About the Job**

224 responses

- Applying Directly to the Organization: 32%
- Summer Internship or Previous Employer: 16%
- Applying through Other Job Search Websites: 15%
- Other Non-Penn Contacts: 9%
- Contacts from Penn: 9%
- Penn Career Fair: 5%
- Handshake: 4%
- Other: 4%
- On-Campus Interviewing: 4%

**Top Hiring Employers**

- Amazon (39)
- Google (9)
- Facebook (8)
- University of Pennsylvania (7)
- Apple (6)
- Bloomberg (5)
- NVIDIA (5)
- Tencent (5)
- Tesla (5)
- IQVIA (4)
- Merk (4)
- Nuro (4)
- Oracle (4)

**Date of Job Offer**

224 responses

- Jul and earlier: 8%
- Aug: 7%
- Sep: 9%
- Oct: 13%
- Nov: 8%
- Dec: 8%
- Jan: 8%
- Feb: 10%
- Mar: 11%
- Apr: 13%
- May: 2%
- Jun: 2%
- Jul and later: 0%
- Aug: 0%
- Sep and later: 0%
2021 SCHOOL OF ENGINEERING & APPLIED SCIENCE MASTER'S

Full-Time Employment

Employer by Industry

- Technology, 39%
- Financial Services, 9%
- Consulting, 9%
- Electronics/Robotics, 8%
- Pharmaceuticals/Biotechnology, 7%
- Engineering, 6%
- Automotive, 3%
- Education, 2%
- Aerospace, 2%
- Manufacturing - Other, 2%
- Computer Products - Hardware, 2%
- Media/Journalism/Entertainment, 2%
- Consumer Products, 1%
- Other, 1%
- Healthcare, 1%
- Sports/Hospitality/Food Service, 0.6%
- Real Estate/Construction, 0.6%
- Transportation, 0.6%
- Government, 0.6%
- Marketing/Advertising/Public Relations, 0.6%
- Energy/Natural Resources/Utilities, 0.3%
- Insurance, 0.3%

Job Function

- Software Development/Engineering, 48%
- Data Analytics: Data Science, 8%
- Research & Development, 6%
- Consulting: Management/Strategy, 6%
- Product Design/Development, 4%
- Finance: Investment Management/Counsel, 3%
- Systems Engineering/Analysis, 3%
- Research: Biomedical, 3%
- Data Analytics: Data Analytics, 2%
- Game Development, 2%
- Product/Project Management (Technology), 2%
- Manufacturing, 2%
- Consulting: Technology, 1%
- Consulting: Research, 1%
- Research: Other, 1%
- Testing/Quality/Evaluation, 1%
- Business Development, 0.7%
- Finance: Trading, 0.7%
- Finance: Venture Capital, 0.7%
- Management, 0.7%
- Research: Clinical, 0.7%
- Research: Energy/Environmental, 0.7%
- User Experience/User Interface, 0.7%
- Animation, 0.3%
- Energy Exploration and Production, 0.3%
- Entrepreneur/Founder, 0.3%
- Finance: Commercial Banking/Lending, 0.3%
- Other, 0.3%
- Writing: Journalism/Other Writing, 0.3%
**Full-Time Employment**

**Employment by State**
282 responses

**International Students**
Of the 297 respondents who identified as foreign nationals, 226 reported they were employed full-time (76%) and 143 reported they were employed full-time in the U.S. (73%).

**U.S. Employers of Foreign Nationals**

- 6Sense
- Abzena
- Adobe (2)
- Advanced Micro Devices
- Amazon (26)
- Apple (3)
- Applied Materials
- ASM America
- Auxilior Capital Partners
- AWS (2)
- Belvedere Trading
- blackfynn
- Bloomberg (3)
- Boston Children’s Hospital
- Brain Corp.
- Burro
- C3.ai
- Charles Schwab
- DEEPROUTE (2)
- Dexterity, Inc. (2)
- DIMAG-AI
- Dorabot
- Draftkings
- E4D Technologies
- Ekometrics
- Expedia Group
- Facebook (5)
- Flexport
- Genista Biosciences
- Goldman Sachs
- Google (6)
- Hewlett Packard Enterprise
- Highlight
- Horizon Controls Group
- Hulu
- Imprimed
- Infor
- Instacart
- InterSystems
- IQVIA
- iRobot (2)
- KLA
- Kleiner Perkins
- LYF Innovation Ltd
- Macom
- Mainstreet
- May Mobility
- McKinsey & Company
- Merck
- Microsoft
- Microsoft Corporation
- Milwaukee Tool
- Miso Robotics
- Moloco
- Neeva
- Nuro (2)
- NVIDIA (2)
- O9 Solutions
- Oracle (4)
- PaintJet
- PayPal
- PhasorLab
- PJT Partners
- PMG Digital Agency
- Pulse Labs
- Q CELLS North America
- Quantbot Technologies LP
- Rani Therapeutics
- RecoveryLink
- Robinhood
- Robinhood
- Rowant Sciences
- Salient Energy
- Skydio
- Snap
- Sony Interactive
- Entertainment
- Stanley Black & Decker, Inc.
- Strategic Research Insight
- TESLA
- TikTok
- Tower Semiconductor
- Twitter
- Universal Audio
- University of Pennsylvania
- Verizon Media
- Visa
- Voice
- WePay
- Wuxi Biologics (2)
- ZS Associates
# 2021 SCHOOL OF ENGINEERING & APPLIED SCIENCE MASTER'S

## Full-Time Employment

<table>
<thead>
<tr>
<th>Overall Salaries</th>
<th>Respondents</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>184</td>
<td>$100,000</td>
<td>$30,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signing Bonuses</th>
<th>Respondents</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>89</td>
<td>$15,000</td>
<td>$2,000</td>
</tr>
</tbody>
</table>

## Salaries by Industry

<table>
<thead>
<tr>
<th>Industry</th>
<th>Respondents</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace</td>
<td>4</td>
<td>$89,000</td>
<td>$78,000</td>
</tr>
<tr>
<td>Automotive</td>
<td>6</td>
<td>$104,000</td>
<td>$88,000</td>
</tr>
<tr>
<td>Computer Products - Hardware</td>
<td>5</td>
<td>$102,000</td>
<td>$42,000</td>
</tr>
<tr>
<td>Consulting</td>
<td>16</td>
<td>$88,750</td>
<td>$62,000</td>
</tr>
<tr>
<td>- Healthcare/Life Sciences</td>
<td>6</td>
<td>$78,750</td>
<td>$62,000</td>
</tr>
<tr>
<td>- Management Consulting</td>
<td>8</td>
<td>$90,000</td>
<td>$62,000</td>
</tr>
<tr>
<td>- Non-Profit/Government</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Other</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Consumer Products</td>
<td>3</td>
<td>$85,000</td>
<td>$83,000</td>
</tr>
<tr>
<td>Higher Education - Research Lab</td>
<td>4</td>
<td>$49,000</td>
<td>$34,000</td>
</tr>
<tr>
<td>Electronics/Robotics</td>
<td>14</td>
<td>$102,500</td>
<td>$30,000</td>
</tr>
<tr>
<td>Financial Services</td>
<td>17</td>
<td>$100,000</td>
<td>$30,000</td>
</tr>
<tr>
<td>- Diversified Financial Services (including commercial/retail banking)</td>
<td>6</td>
<td>$127,250</td>
<td>$30,000</td>
</tr>
<tr>
<td>- Hedge Fund</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Investment Banking/Brokerage</td>
<td>5</td>
<td>$90,000</td>
<td>$33,750</td>
</tr>
<tr>
<td>- Investment Management/Counsel</td>
<td>5</td>
<td>$100,000</td>
<td>$75,000</td>
</tr>
<tr>
<td>Federal Government</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hospital</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Insurance</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Manufacturing - Other</td>
<td>3</td>
<td>$88,000</td>
<td>$78,000</td>
</tr>
<tr>
<td>Marketing/Advertising/Public Relations</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Media/Journalism/Entertainment</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pharmaceuticals/Biotechnology</td>
<td>14</td>
<td>$74,150</td>
<td>$55,000</td>
</tr>
<tr>
<td>Real Estate/Construction</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sports/Hospitality/Food Service</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Technology</td>
<td>70</td>
<td>$120,000</td>
<td>$40,000</td>
</tr>
<tr>
<td>Transportation</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*Fewer than 3 reported salaries not published to maintain confidentiality.*
## Salaries by Job Function

<table>
<thead>
<tr>
<th>Job Function</th>
<th>Respondents</th>
<th>Median</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Development</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Consulting</td>
<td>13</td>
<td>$87,000</td>
<td>$62,000 $90,000</td>
</tr>
<tr>
<td>Management/Strategy</td>
<td>9</td>
<td>$90,000</td>
<td>$75,000 $90,000</td>
</tr>
<tr>
<td>Research</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Technology</td>
<td>3</td>
<td>$65,000</td>
<td>$62,000 $87,000</td>
</tr>
<tr>
<td>Data Analytics</td>
<td>21</td>
<td>$108,000</td>
<td>$40,000 $135,000</td>
</tr>
<tr>
<td>Data Analytics</td>
<td>4</td>
<td>$77,500</td>
<td>$40,000 $83,000</td>
</tr>
<tr>
<td>Data Science</td>
<td>17</td>
<td>$112,500</td>
<td>$55,000 $135,000</td>
</tr>
<tr>
<td>Entrepreneur/Founder</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Finance</td>
<td>7</td>
<td>$90,000</td>
<td>$33,750 $160,000</td>
</tr>
<tr>
<td>Investment Management/Counsel</td>
<td>6</td>
<td>$87,500</td>
<td>$33,750 $100,000</td>
</tr>
<tr>
<td>Trading</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Game Development</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Management</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>5</td>
<td>$82,000</td>
<td>$70,000 $95,000</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Product Design/Development</td>
<td>8</td>
<td>$90,750</td>
<td>$78,000 $142,000</td>
</tr>
<tr>
<td>Product/Project Management (Technology)</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Research &amp; Development</td>
<td>14</td>
<td>$90,000</td>
<td>$62,000 $148,000</td>
</tr>
<tr>
<td>Research</td>
<td>11</td>
<td>$57,000</td>
<td>$30,000 $80,000</td>
</tr>
<tr>
<td>Biomedical</td>
<td>4</td>
<td>$61,000</td>
<td>$38,000 $68,000</td>
</tr>
<tr>
<td>Clinical</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Energy/Environmental</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td>$30,000</td>
<td>$30,000 $34,000</td>
</tr>
<tr>
<td>Software Development/Engineering</td>
<td>86</td>
<td>$116,100</td>
<td>$42,000 $195,000</td>
</tr>
<tr>
<td>Systems Engineering/Analysis</td>
<td>6</td>
<td>$84,000</td>
<td>$61,000 $95,000</td>
</tr>
<tr>
<td>Testing/Quality/Evaluation</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>User Experience/User Interface</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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Positions by Program

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
2021 SCHOOL OF ENGINEERING & APPLIED SCIENCE MASTER'S

Positions by Program

Positions accepted by 2021 graduates are listed by program and where known include employer name and position title.

**BIOENGINEERING**

**Full-Time Employment**

- AlphaVate, Consulting Analyst
- Amazon, Pathways Operations Manager
- Amazon, Software Development Engineer *
- Boston Children's Hospital, Research Assistant
- Boston Consulting Group, Associate ○
- Cedars Sinai Department of Computational Biomedicine, Programmer Analyst
- Deloitte, Consulting Analyst +○
- FloBio, Systems Engineer +*
- GlaxoSmithKline, Research Specialist and Imaging & Automation Engineer +
- Halma, Future Leaders Program
- IQVIA, Analyst
- IQVIA, Associate Consultant
- Kingdom Supercultures, Research Associate
- LifeCanvas Technologies, Inc., Junior Biomedical Engineer
- LifeSci Advisors
- Merck, Associate Specialist, Engineering - Manufacturing Leadership Development Program ○
- Merck, Engineer II
- Pfizer, Associate Scientist
- Philadelphia Phillies, Integrated Baseball Performance Associate ○
- Picus Capital, Associate
- Prevail Therapeutics, Research Associate
- ScribeAmerica
- Technical.ly, Report for America Corps Member
- University of Pennsylvania, Research Assistant
- University of Pittsburgh Medical Center, Systems Analyst
- West Pharmaceutical Services, Engineer, R&D, Packaging Development +
- Windrose Consulting Group, Analyst ○
- ZS Associates, Strategy Insights & Planning Associate

**BIOTECHNOLOGY (MBIOTECH)**

**Full-Time Employment**

- Abzena, Technical Writer
- Genscript
2021 SCHOOL OF ENGINEERING & APPLIED SCIENCE MASTER'S

Imprimed, Research Associate
IQVIA, Analyst
LifeSci Consulting, Consultant
McKinsey & Company, Business Analyst
Merck, Scientist +
Penn McKay Center, Lab Technician +
Shanghai Pharmaceuticals Holding Co., Ltd., Sourcing Specialist
Syneos Health Consulting, Consultant
Trinity Life Sciences, Associate Consultant
Tulane University School of Medicine, Medical Research Specialist
University of Pennsylvania, Quality Assurance Manager
Wuxi Biologics, Analytical Scientist
Wuxi Biologics, Associate Project Manager
ZS Associates, Associate

CHEMICAL & BIOMOLECULAR ENGINEERING

Full-Time Employment
Gaotu Education Technology, Product Manager *
Horizon Controls Group, Systems Engineer
Tencent, Software Engineer *

COMPUTER & INFORMATION SCIENCE

Full-Time Employment
Alameda Research, Developer
Amazon
Amazon *
Amazon, Software Developer Engineer 1
Amazon, Software Development Engineer (2)
Amazon, Software Development Engineer * (2)
Amazon, Software Development Engineer +
Amazon, Software Development Engineer 1 (3)
Amazon Robotics, Software Development Engineer *
Amazon Web Services, Software Development Engineer
Amazon Web Services, Software Development Engineer ○
Amazon Web Services, Software Development Engineer 1
Atlassian, Jr. Backend Engineer on Confluence
AWS, Software Development Engineer
Better, Software Engineer
blackfynn, Software Developer
Bloomberg, Software Development Engineer *
Bloomberg, Software Engineer
ByteDance, Backend Engineer
Bytedance, Software Development Engineer *
Cadre, Software Engineer ○
Citi, Investment Banking Analyst
Cornerstone Research, Analyst ○
DEEPROUTE, Software Engineer * (2)
Facebook, Data Scientist ○
Facebook, Software Engineer (2)
Flexport, Software Engineer +○
Goldman Sachs, Investment Banking Analyst (2)
Google
Google *
Google, Software Engineer (2)
Google, Software Engineer ○*
Hewlett Packard Enterprise, Software Engineer
Hulu, Software Engineer
Instacart, Software Engineer
JetBlue, Crew Analytics Engineer
JP Morgan, Software Engineer ○*
Kleiner Perkins, Product Fellow ○
Meta, Software Engineer ○
Microsoft
Microsoft, Software Engineer
Moloco, Machine Learning Engineer
MongoDB, Software Engineer ○
Novetta, Machine Learning Engineer
Nuro, Software Engineer
NVIDIA, Software Engineer
Oracle, Software Engineer *
PayPal, Software Engineer 2
Retool, Software Engineer ○
Samsung Semiconductor *
SeekOut, Software Engineer
Siemens Healthineers, Research Engineer
Susquehanna International Group, Quantitative Trader
Tencent
Tencent, Java Software Development Engineer +
Tencent, Software Developer
Twitter, Software Engineer
Universal Audio, Audio Software Engineer
University of Pennsylvania ○
Visa, Senior Software Engineer
Wells Fargo, Quantitative Analyst
WYZE, Applied Scientist-I *
yanfeng Automotive Interiors

COMPUTER & INFORMATION TECHNOLOGY (MCIT)

Full-Time Employment
Aetna/CVS, Data Scientist
Amazon
Amazon, Software Development Engineer
Amazon, Software Development Engineer * (3)
Amazon, Software Development Engineer +
Amazon, Software Engineer
Amazon, Software Engineer *
Amazon Web Services, Software Development Engineer *
Ant Group, Java Software Engineer
Bentley Systems, Associate Software Engineer
Bloomberg, Software Engineer
Bloomberg, Software Engineer *
C3.ai, Software Engineer
Gaotu Education Technology, Product Manager *
HealthVerity, Software Engineer
Inspur USA Inc. *
InterSystems, Software Engineer *
iRobot, Software Engineer *
Keye, Principal Engineer
Microsoft Corporation, Software Engineer *
Neeva, Software Engineer
NETAPP
NVIDIA, Systems Software Engineer
OPEX, Software Engineer +
Oracle, Software Developer *
Oracle, Software Engineer
Oracle, Software Engineer *
PMG Digital Agency, Graduate Leadership Program

* Dual Degree Recipient
○ SEAS Bachelor’s & Master’s Degree
+ Continuing Previous Employment
Roivant Sciences, Tech Rotational Program
Salesforce
Tencent, Software Engineer *
Tesla, Analyst
The Learning Agency Lab, Data Scientist
University of Pennsylvania - Center for Environmental Building + Design, Research Faculty +
Verizon Media, Software Development Engineer *

COMPUTER GRAPHICS & GAME TECHNOLOGY

Full-Time Employment
Adobe, Graphics Software Engineer
Advanced Micro Devices, Software Engineer
Amazon Robotics, Software Development Engineer *
Apple
Apple, Core Animation Engineer
Apple, Graphics Engineer
Apple, Metal Ecosystem Development Engineer
AWS, Software Engineering Developer
Draftkings, Software Engineer *
E4D Technologies, Research & Development Engineer
Epic Systems, Software Engineer ○
Houzz, Software Engineer, Visual Technologies Team ○
Microsoft Corporation, Software Engineer *
mHoYo Co., Ltd., Game Engineer
NetEase, Inc, Technical Artist
Sony Imageworks, Assistant Technical Director ○
Sony Interactive Entertainment, Associate Programmer +
Tencent, Game Development Engineer
Unity Technologies, Graphics Engineer ○
Weibo Corporation, Strategic Product Manager (Advertisement)

DATA SCIENCE

Full-Time Employment
51job, Data Engineer +
6Sense, Software Engineer 3
Adobe, Software Engineer
Alibaba Group, Algorithm Engineer
AllianceBernstein, Multi-Asset Solutions Quantitative Rotational Associate
Amazon
Amazon, Business Intelligence Engineer +
Amazon, Software Development Engineer (3)
Amazon, Software Development Engineer * (2)
Amazon, Software Development Engineer ○
Amazon, Software Engineer
Anduril Industries, Perception Engineer
Bain & Company, Associate Consultant
Bain & Company, Senior Associate, Data Science
Belvedere Trading, Hybrid Trader ○
BenevolentAI, Data Scientist
BLACKROCK ○
Bloomberg, Software Engineer
Boston Consulting Group, Associate ○
C3.ai, Data Scientist
CITIC Futures, Research Analyst
Cyrus Capital Partners, Investment Analyst
Ekimetrics, Data Science Consultant
Expedia Group, Data Scientist 1
Facebook, Data Engineer
Facebook, Data Scientist
Facebook, Software Engineer
FTI Consulting, Data & Analytics Consultant
Fulfil Solutions, Data Scientist +
Instagram, Data Scientist
Merck, Data Scientist, Sr. Specialist
naviHealth, Machine Learning Engineer
O9 Solutions, Business Operations Specialist
PayPal, Data Scientist
PJT Partners, Investment Banking Analyst +
realtor.com, Associate Software Engineer
Robinhood, Data Analyst
Starboard Value, Investment Associate +
University of Pennsylvania - Office of Investments, Investment Analyst +
Wayfair, Technical Marketing Analyst
Wells Fargo, Quantitative Analyst
WePay, Software Engineer
ELECTRICAL ENGINEERING

Full-Time Employment

- Alibaba, CPP Development Engineer
- Alibaba Group, Chip Physical Design Engineer
- Amazon, Software Development Engineer
- Amazon Lab126, Hardware Development Engineer ○
- Apple, Full-Chip Design Verification Engineer ○
- Auxilior Capital Partners, Inc., Digital Analyst/Innovation Product Manager
- Bytedance, Software Development Engineer *
- DataHub
- Draftkings, Software Engineer *
- Ericsson, Trainee
- Facebook, Systems Engineer
- General Dynamics Mission Systems, Optics Engineer
- Google
- HSBC, Technology Graduate Program Trainee
- HUAWEI, Engineer
- Hudson Sustainable Group, Investor, Climate Technology
- ICBC Technology Company, Software Engineer
- Industrial and Commercial Bank of China +
- Infor, Data Scientist
- Inspur USA Inc. *
- Intel, System Validation Engineer
- Intel Corporation, Firmware Engineer
- KLA-Tencor
- Macom, App Engineer
- Milwaukee Tool, Battery Reliability Engineer
- NVIDIA, Product Development Engineer
- Oracle, Software Engineer
- Samsung Research America
- Snap, Software Engineer
- Stanley Black & Decker, Inc., Electrical Engineer - Hardware
- Taiwan Semiconductor Manufacturing Company (TSMC), Process Integration Engineer
- Voyce, Software Engineer

EMBEDDED SYSTEMS

Full-Time Employment

- Extron Electronics, Embedded Linux Engineer
- Google, Software Engineer
Tesla, Senior Integration Engineer ○
Tesla, Software Engineer

INTEGRATED PRODUCT DESIGN

Full-Time Employment

- Bresslergroup, Design Strategist
- Cognite, Product Designer
- Drexel University
- Ford Motor Company, Ford College Graduate
- Freedom Mortgage, Senior UX Researcher
- Highlight, Co-Founder and Chief Product Technology Officer +
- JP Morgan, Analyst +
- Mainstreet, Senior Product Designer
- Miso Robotics, Product Leader II
- O3 World, Experience Strategist
- Salient Energy, New Product Development Engineer
- Square Inc.

INTEGRATED PRODUCT DESIGN (MSE)

Full-Time Employment

- Nekuda DM, Mechanical Engineer
- Stylex Seating, Engineering Intern

MATERIALS SCIENCE & ENGINEERING

Full-Time Employment

- Amazon, Software Development Engineer +*
- Applied Materials
- Applied Materials, Process Engineer 2
- ASM America, Process Engineer II
- AVIC Manufacturing Technology Institute, Materials Science Engineer
- Bloomberg, Software Engineer *
- Cephied
- CITIC Securities, Senior Associate
- University of Pennsylvania, Laboratory Technician

* Dual Degree Recipient
○ SEAS Bachelor’s & Master’s Degree
+ Continuing Previous Employment
MECHANICAL ENGINEERING & APPLIED MECHANICS

Full-Time Employment

Accenture
Amazon
Amazon*
Amazon, Software Engineer *
Amazon Web Services, Software Development Engineer *
Baidu, Planning & Control Algorithm Engineer
Boeing, Lead Project Engineer +
Deeproute.ai
Dexterity, Inc., Product Operations Intern
DIMAAG-AI, Staff Mechanical Engineer
Empirical Systems Aerospace, Software Engineer
FloBio, Systems Engineer +*
Genista Biosciences, Robotics Engineer
Honeybee Robotics, Structural/Thermal Analyst II
iRobot, Software Engineer *
Jacobs Engineering Group - Rapid Solutions, Jr. Autonomy Engineer
John Deere, Product Engineer
Key Tech, Inc., Mechanical Engineer
Lincoln Infrastructure LLC
Momenta, Software Development Engineer
Naval Surface Warfare Center Philadelphia Division, Mechanical Engineer +
navsea, Mechanical Engineer
Oracle, Software Developer *
PaintJet, Robotics Engineer
PhasorLab, Control Systems Engineer
Q CELLS North America, Process Engineer
Rani Therapeutics, R&D Mechanical Engineer ○
SSA & Company, Business Analyst ○
Tillman Infrastructure, Project Specialist
Tower Semiconductor, Process Engineer
TSMC, Equipment Engineer ○
University of Pennsylvania
WYZE, Applied Scientist-I *
Zupt, LLC, Motion Planning and Controls Engineer

* Dual Degree Recipient
○ SEAS Bachelor's & Master's Degree
+ Continuing Previous Employment
NANOTECHNOLOGY

Full-Time Employment

- Andurand Capital Management LLP, Climate and Energy Transition Analyst
- Capital One, Commercial Banking ○
- Frontage Laboratories, Scientist I
- Huawei, Technology Development Engineer
- IQVIA, Associate
- KLA, Application Development Engineer
- L’Oreal, Management Trainee
- Raytheon, Components Engineer
- Stanley Black & Decker, Inc., Engineer, Stanley Leadership Program
- TSMC, Module Process Engineer

ROBOTICS

Full-Time Employment

- Accenture, Technology Development Program Analyst ○
- Amazon
- Amazon Lab126, Software Development Engineer
- Amazon Robotics, Software Developer ○
- Apple, AI/ML Engineer ○
- A-Star Singapore, Robotics Research Engineer
- Bain, Associate Consultant
- Berkshire Grey, Deployment Mechatronics Engineer
- Berkshire Grey, Robotics Software Engineer
- Bloomberg, Software Development Engineer *
- Boeing, Associate Guidance, Navigation & Controls Engineer +
- Brain Corp., Autonomy Engineer
- Burro, Robotic Software Engineer
- Chinese University of Hong Kong, Research Assistant
- Deeproute, Software Engineer * (2)
- Dexterity, Inc., Associate Robotics Engineer
- DJI, Algorithm Engineer
- Dorabot, Robotics Software Engineer (Computer Vision)
- Dorabot, Robotics Software Engineer +
- Exyn Technologies, Mechatronics Engineer
- Facebook, Analytical Solutions, Software Developer Engineer
- Ford Motor Company, Software Engineer
- General Atlantic, Growth Equity Investment Team ○
- Ghost Robotics, Autonomy and AI Engineer +
Google *
Google, Software Engineer
Google, Software Engineer *
Hogwarts Capital
Honeywell Aerospace, AI Research Scientist
Inceptio Technology, Software Engineer
IQ Motion Control, Mechanical Engineer
iRobot, Computer Vision Engineer
iRobot, Software Engineer
Johnson & Johnson, R&D Leadership Development Program Engineer
Kitware, Research and Development Engineer
LYF Innovation Ltd, Software Engineer
Neocis, Inc., Software Engineer ○
Northrop Grumman, Mechanical Engineer
Nuro, Machine Learning Engineer ○
Nuro, Mechanical Engineer
Nuro, Software Engineer ○*
NVIDIA, Software Engineer, Autonomous Vehicles
NVIDIA, Software Engineer, DRIVEIX Team ○
Plus, Software Engineer
Qualcomm, Software Engineer
Quantiphi
Samsung Semiconductor *
SharkNinja, Mechanical Engineer
Skydio, Autonomy Engineer
TikTok, Software Engineer
University of Pennsylvania - Department of Mechanical Engineering & Applied Mechanics, Research Specialist
Verizon Media, Software Development Engineer *
Viam, Inc., Robotics Engineer

SCIENTIFIC COMPUTING

Full-Time Employment
Amazon, Software Development Engineer *
Partly, Data Scientist
Pulse Labs, Machine Learning Engineer
Raytheon, Software Engineer I

* Dual Degree Recipient
○ SEAS Bachelor’s & Master’s Degree
+ Continuing Previous Employment
SYSTEMS ENGINEERING

Full-Time Employment

AQR Capital Management, Business Development Analyst ○
bilibili, Senior Product Manager
ByteDance, Product Manager
Charles Schwab, Technology Program Manager
ClearView, Analyst
Glenmede Investment Management, Quantitative Research Analyst +
InterSystems, Software Engineer *
May Mobility, Robotics Software Engineer
McKinsey & Company, Business Analyst ○*
Medidata Solutions, Solution Consultant ○
Meta, Technical Program Manager ○*
PathAI, Biomedical Engineer ○
Putnam Associates, Associate Consultant
Quantbot Technologies LP, Data Analyst
RecoveryLink, Data Analyst
Roivant Sciences, Technology Analyst
Strategic Research Insight, Healthcare Management Analyst
Tesla, Data Engineer
TESLA, Materials Science Engineer ○