

# School of Engineering and Applied Science

## **Undergraduate Class of 2020**

### 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.

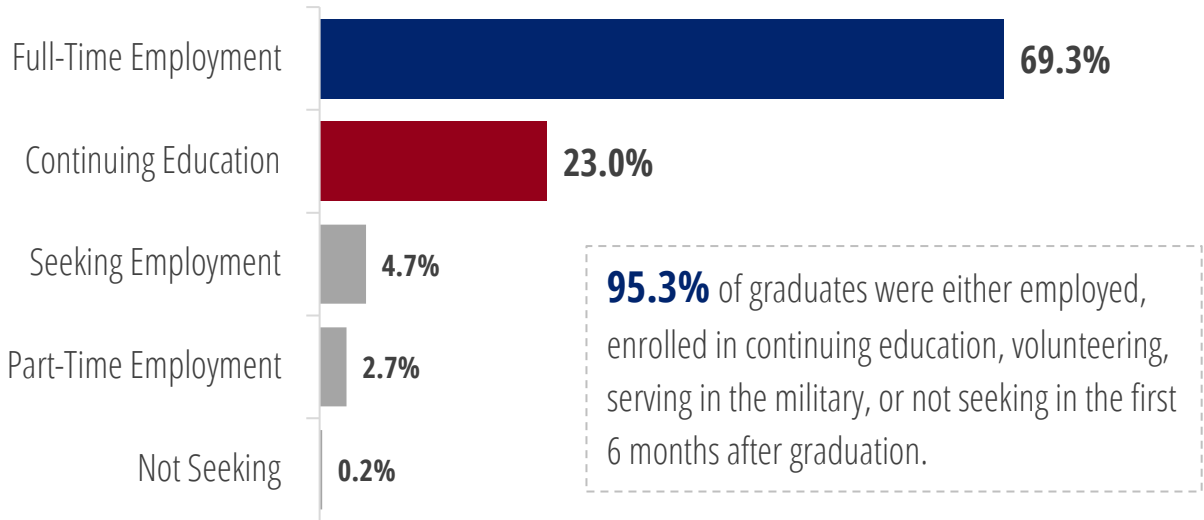
This report looks at the 477 School of Engineering and Applied Science undergraduates who received their degrees from August 2019–May 2020. Students were surveyed up to six months from their graduation date, with a 47% response rate. Additional information was collected via LinkedIn and other sources, bringing the total **knowledge rate** up to **85%**, a total of 404 known graduate outcomes. However, given the pandemic, we realize some offers may have been delayed or rescinded.

## Sections

1. **Post-Graduation Plans**
2. **Full-Time Employment**
3. Industries & Top Hiring Employers
4. Job Function
5. Geography
6. Job Offers & Hiring Timeline
7. Salary & Bonuses
8. **Continuing Education**
9. Graduate Programs & Degree Level
10. **First Destinations by Major**

# Post-Graduation by the Numbers

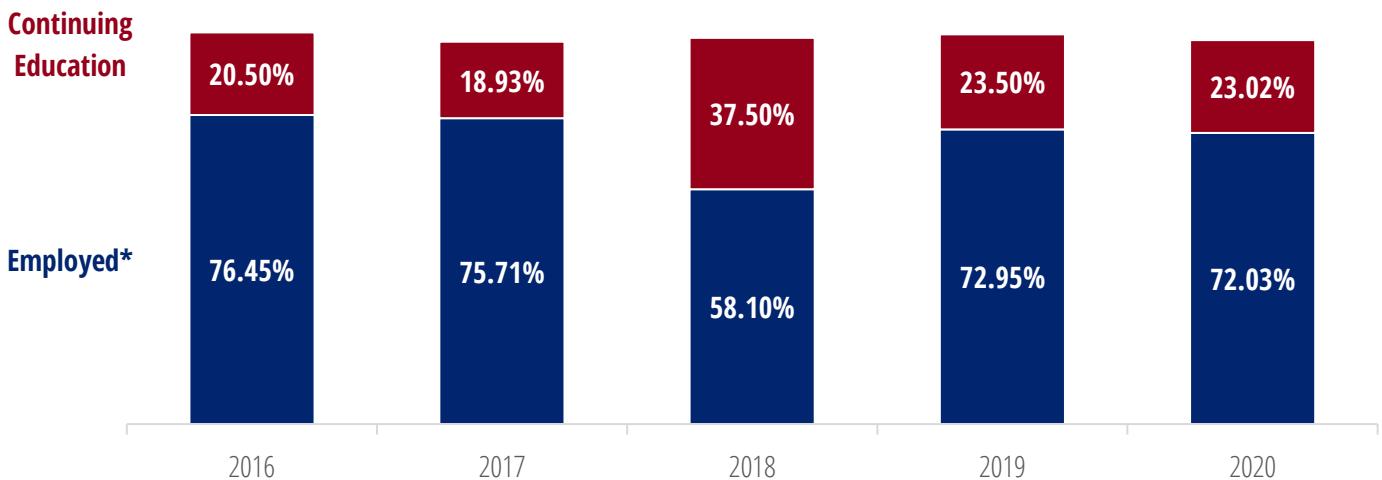
## Known Outcomes 404 responses



## All Graduates 477 students



## Post-Graduation: 5 Year Trends



\*Employed includes full-time employed, part-time employed, military service and volunteer service

# Full-Time Employment

## Top Hiring Employers by Industry

### Consulting

1. Boston Consulting Group (BCG) (5)
2. McKinsey & Company (4)
3. Bain & Company (3)
4. Novetta (2)
- PricewaterhouseCoopers (PwC) (2)

### Financial Services

1. Goldman Sachs (7)
2. Capital One (5)
3. Bridgewater Associates (4)
4. Evercore (3)
- JPMorgan Chase & Co. (3)

### Technology

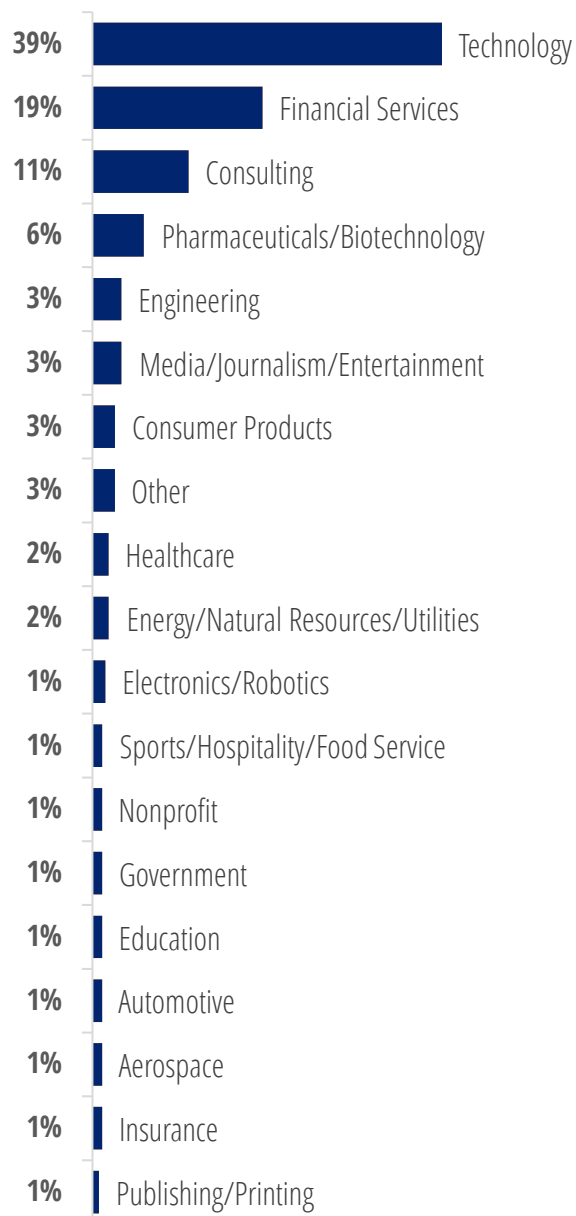
1. Microsoft (18)
2. Facebook (17)
3. Amazon (9)
4. Google, Inc. (8)
5. Apple (4)
- Bloomberg (4)
- Mastercard (4)
- Palantir Technologies (4)

### Other

1. AlphaThera (2)
- Anheuser-Busch (2)
- Merck & Co., Inc. (2)
- Skydio (2)
- University of Pennsylvania (2)

## Employment by Industry

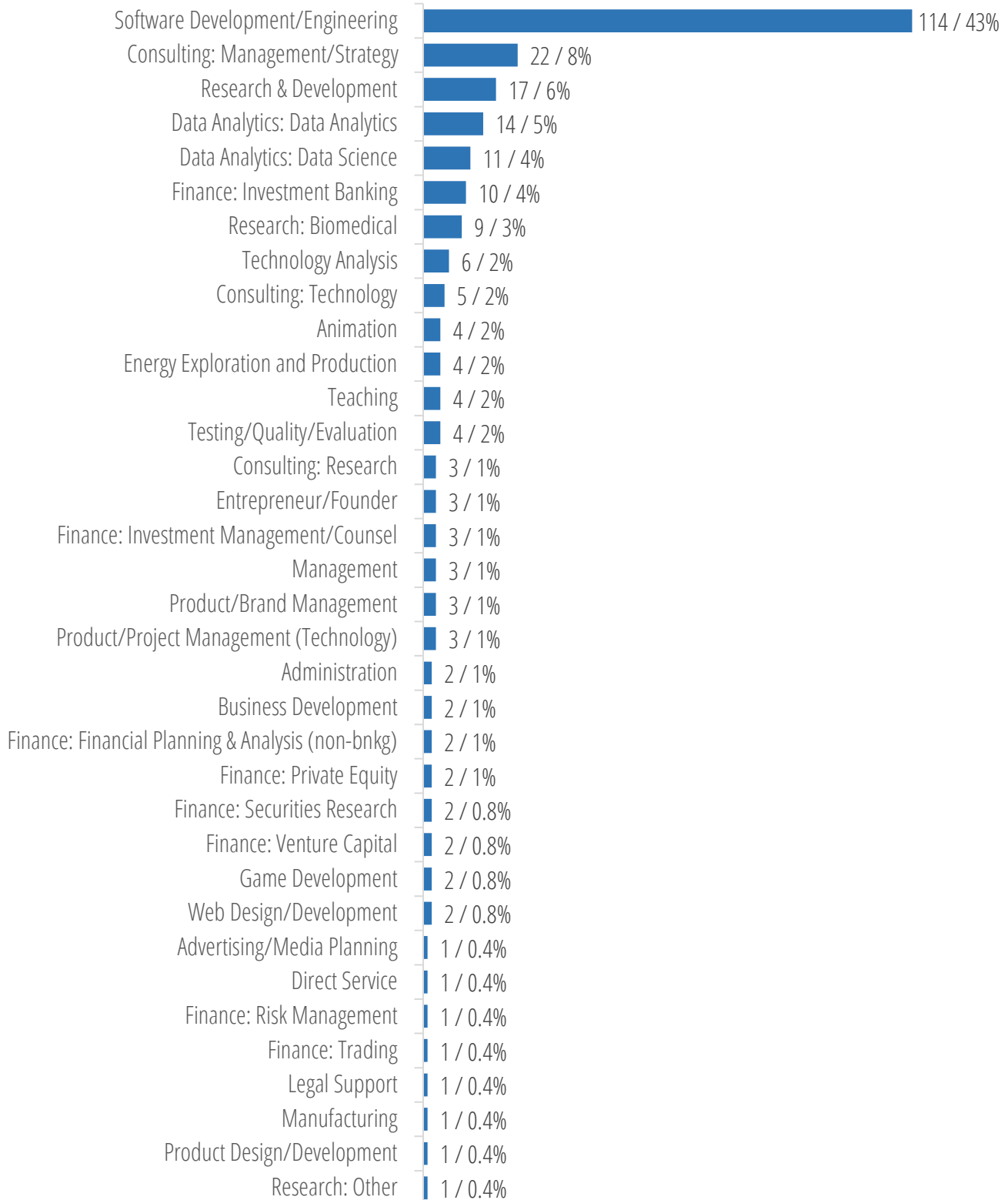
277 responses



# Full-Time Employment

## Employment by Job Function

266 responses

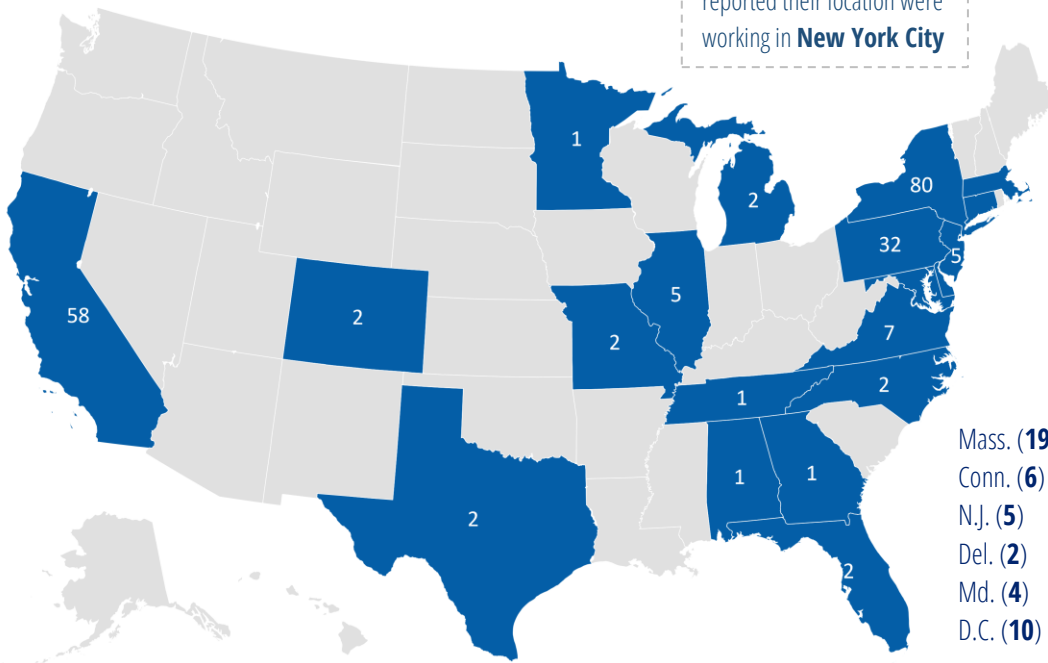


# Full-Time Employment

## Employment by State

267 responses

30% of those who reported their location were working in **New York City**



## Internationally

1% of those who reported their location

**2 students in 2 countries**

Ghana

South Africa

Mass. (19)  
Conn. (6)  
N.J. (5)  
Del. (2)  
Md. (4)  
D.C. (10)

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## International Students

Of the 43 respondents working full-time who identified as foreign nationals, 40 (93%) were employed in the U.S.

### U.S. Employers of Foreign Nationals

#### Consulting

- Bain & Company
- Boston Consulting Group (BCG)
- End-to-End Analytics
- McKinsey & Company

#### Financial Services

- AQR Capital Management
- BlackRock
- Bridgewater Associates
- Cantor Fitzgerald

#### Technology

- Evercore
- Goldman Sachs
- Morgan Stanley
- Amazon
- Bloomberg
- Facebook
- Fair Square Financial
- Google, Inc.
- Latch

- Microsoft
- Nvidia
- Palo Alto Networks
- Snap Inc.
- Uber

#### Other

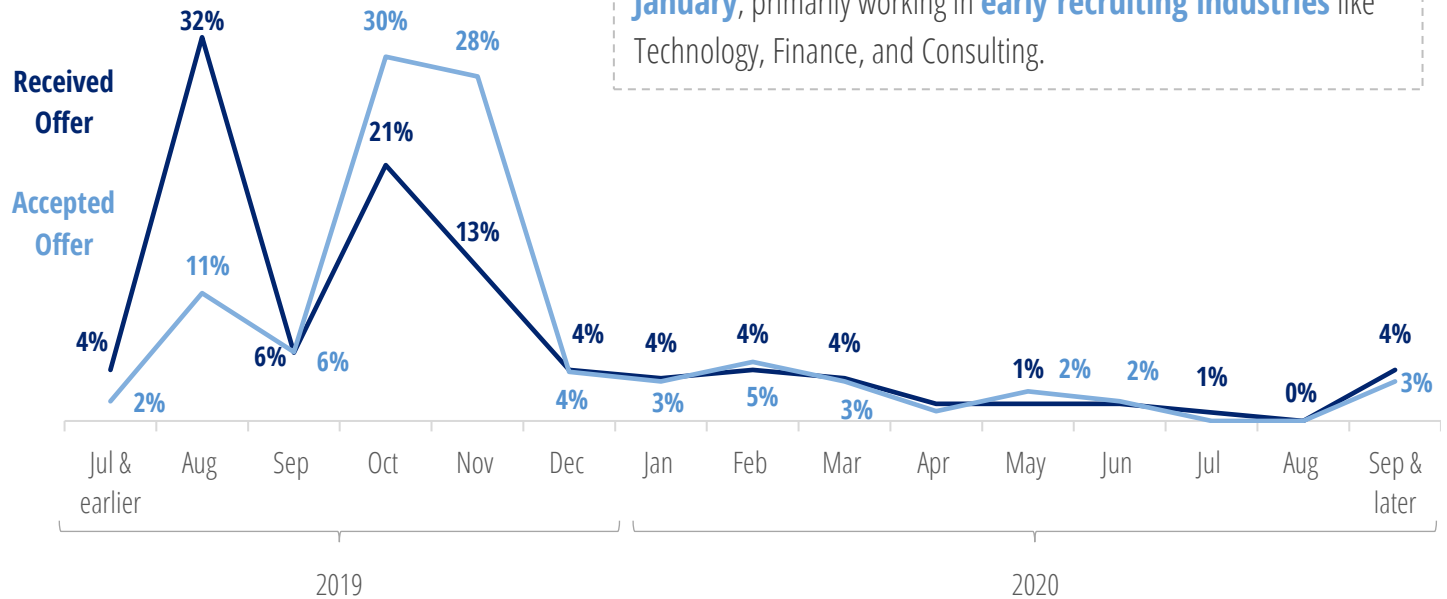
- IL MAKIAGE
- Nuro
- Radian
- University of Pennsylvania

# Full-Time Employment

## Hiring Timeline

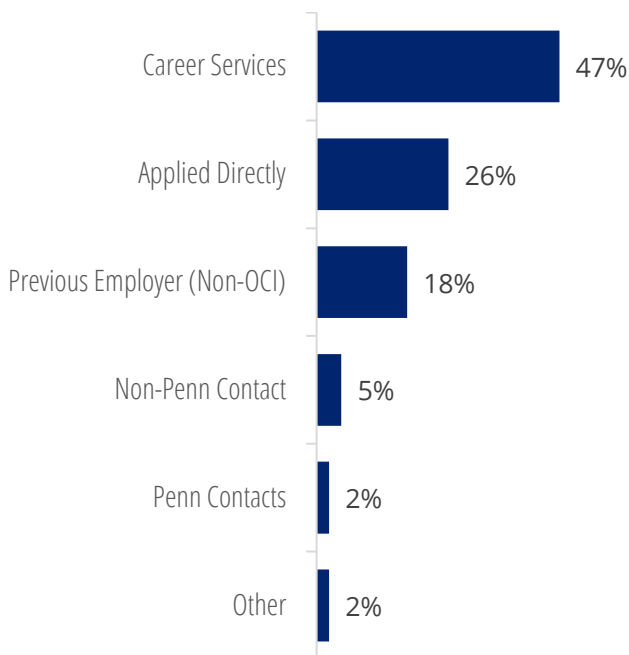
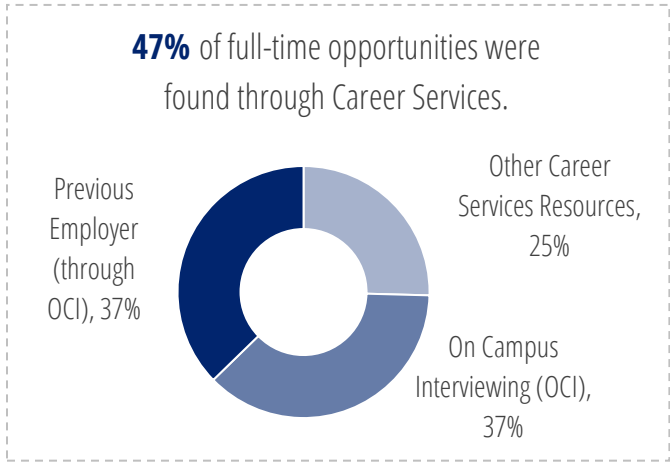
145 responses

**80%** of graduates working full-time **accepted offers before January**, primarily working in **early recruiting industries** like Technology, Finance, and Consulting.



## Offer Method

130 responses

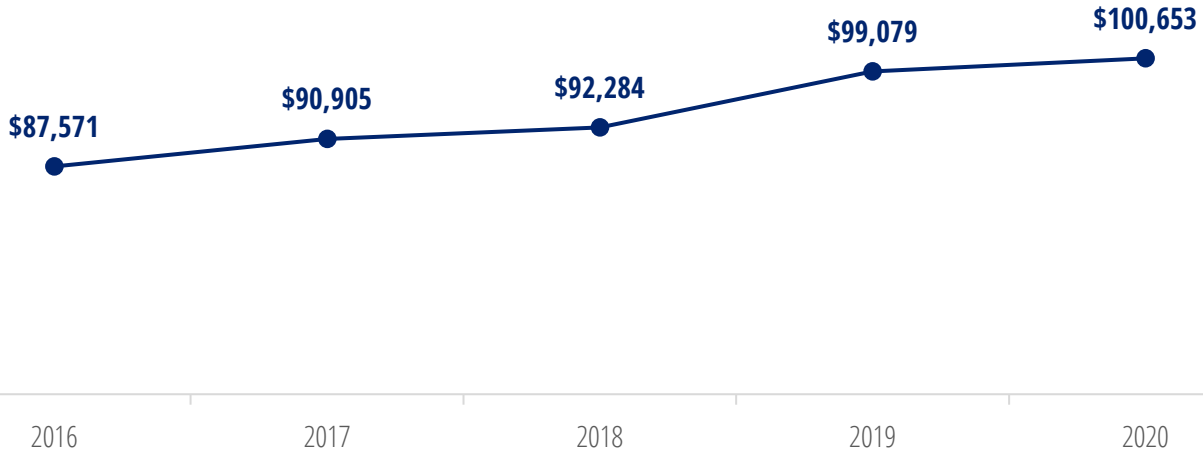


**35%** accepted return offers from previous employers, primarily in **Technology** and **Financial Services**.

**35%** accepted offers from **On Campus Interviews** (through a previous employer or through OCI directly).

# Full-Time Employment

## Average Starting Salary



	Respondents	Average	Median	Range	
<b>SEAS</b>	<b>140</b>	<b>\$100,653</b>	<b>\$90,000</b>	<b>\$26,000</b>	<b>\$200,000</b>
SEAS Only	95	\$97,514	\$90,000	\$26,000	\$180,000
Women	47	\$90,803	\$85,000	\$26,000	\$150,000
Men	48	\$104,086	\$110,000	\$59,222	\$180,000
SEAS/CAS – Dual Degree	6	\$111,833	\$123,000	\$72,000	\$145,000
Women	3	\$131,333	\$126,000	\$123,000	\$145,000
Men	3	\$92,333	\$82,000	\$72,000	\$123,000
SEAS/Nursing – Dual Degree	0	-	-	-	-
Women	0	-	-	-	-
Men	0	-	-	-	-
SEAS/Wharton – Dual Degree	39	\$106,579	\$90,000	\$63,000	\$200,000
Women	11	\$106,964	\$93,600	\$63,000	\$200,000
Men	28	\$106,429	\$90,000	\$80,000	\$156,000

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

# Continuing Education

## Top Graduate Schools Accepted by Discipline

### Engineering

- 1. University of Pennsylvania (62)
- 2. Massachusetts Institute of Technology (2)  
Harvard University (2)

### Medicine

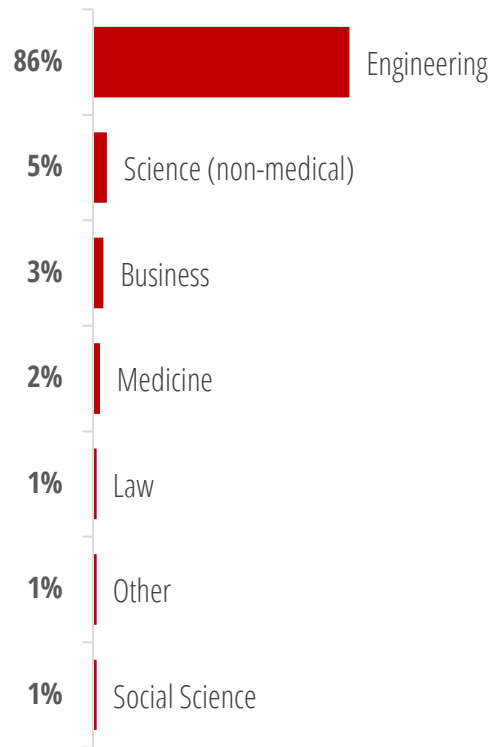
- 1. University of Pennsylvania (1)  
New York University (1)

### Other

- 1. Harvard University (2)
- 2. Eberhard Karls University of Tübingen (1)  
Imperial College Business School (1)  
Princeton University (1)  
Stanford University (1)  
University of Cambridge (1)  
University of Notre Dame (1)  
University of Southern California (1)  
University of Tennessee, Knoxville (1)

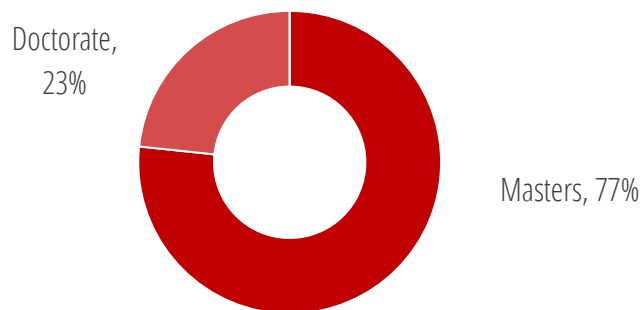
## Continuing Education by Field of Study

87 responses



## Continuing Education Degree Level

90 responses





# First Destinations by Major

Applied Science: Biomedical Science \*

Applied Science: Computational Biology \*

Applied Science: Computer Science

Applied Science: Computer and Cognitive Science \*

Bioengineering

Chemical & Biomolecular Engineering

Computer Engineering \*

Computer Science

Digital Media Design

Electrical Engineering

Materials Science & Engineering

Mechanical Engineering & Applied Mechanics

Networked & Social Systems Engineering

Systems Science & Engineering

*\*Majors with fewer than 10 respondents not published to maintain confidentiality.*

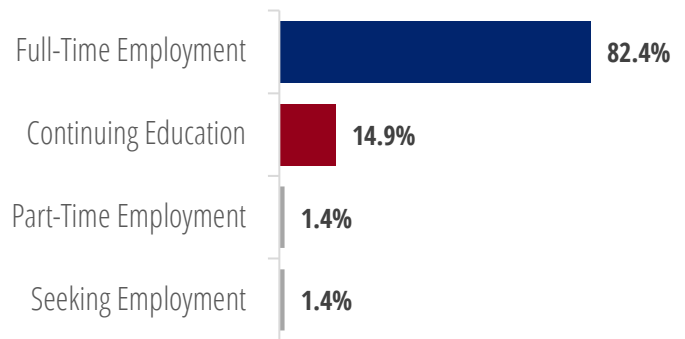
# Applied Science: Computer Science

74 responses

## First Destinations: Employers

- Akuna Capital**, Quantitative Developer
- Ares Management Corporation**, Private Equity Analyst ○
- Artswrk**, Frontend Developer
- Bain & Company**, Associate Consultant ^
- Bain Capital**, Private Equity Analyst ○
- Bank of America**, Investment Banking Analyst ○
- Bessemer Venture Partners**, Investor
- Blackstone**, Analyst ○
- Blackstone**, Software Engineer
- Bloomberg**, Software Engineer ○
- Boston Consulting Group (BCG)**, Associate ○
- Boston Consulting Group (BCG) - GAMMA**, AI Software Engineer ^
- Bridgewater Associates**, Investment Engineer ○
- Brown Brothers Harriman**, Information Security Analyst
- Cantor Fitzgerald**, Investment Banking Summer Analyst ○
- Capital One**, Product Manager
- Capital One**, Product Manager ○
- Capital One**, Software Engineer
- Clumio, Inc.**, Software Engineer ^
- Compass**, Software Engineer
- CoParse**, Co-Founder & CEO ○
- Evercore**, Investment Banking Analyst ○
- Everlaw**, Product Designer
- Facebook**, Software Engineer ○
- Facebook**, Software Engineer (4) ^
- Fair Square Financial**, Business Analyst
- FedEx**, Business Analyst
- Five Rings Capital**, Software Developer
- Foundry.ai / Predion.ai**, Data Scientist ^
- Goldman Sachs**, Investment Banking Analyst ○
- JPMorgan Chase & Co.**, Investment Banking Analyst ○
- Mastercard**, Data Engineer
- Mastercard**, Product Manager ○
- McKinsey & Company**, Business Analyst ○
- Microsoft**, Program Manager
- Microsoft**, Program Manager \*

## Post-Graduation Outcomes



## Industries

60 responses

- Technology, 45%
- Financial Services, 37%
- Consulting, 10%
- Healthcare, 2%
- Other, 2%
- Publishing/Printing, 2%
- Real Estate/Construction, 2%
- Sports/Hospitality/Food Service, 2%

\* Double Major  
 + College Dual Degree  
 ○ Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

Employers continued on next page

# Applied Science: Computer Science

74 responses

## First Destinations: Employers

- Microsoft**, Software Engineer (2)
- Microsoft**, Software Engineer \*
- Morgan Stanley**, Technology Analyst
- Peloton Interactive**, Software Engineer \*
- Penn Medicine**, Research Assistant
- PJT Partners**, Investment Banking Analyst ◦
- Plaid Technologies**, Software Engineer
- Point72**, Data-Driven Research Analyst ◦
- PricewaterhouseCoopers (PwC)**, Technology Consultant
- Rockefeller Capital Management**, Data Engineering Analyst
- Salesforce**, Software Engineer
- Scholastic**, Associate Software Engineer
- Scope**, Associate Product Manager ◦
- SimSpace Corporation**, Data Science Engineer
- Susquehanna International Group (SIG)**, Quantitative Sports Trader ^
- Susquehanna International Group (SIG)**, Software Engineer
- Uber**, Associate Product Manager ^
- Uber**, Software Engineer
- Vectra**, Software Engineer
- X, the moonshot factory**, Software Engineer +

## First Destinations: Graduate Schools & Continuing Education Programs

- Columbia University**, Doctorate, Computer Vision and Multimodal Learning
- Eberhard Karls University of Tubingen**, Master's, Computational Neuroscience +
- Georgia Institute of Technology**, Master's, Computer Science \*
- Harvard University**, Doctorate, Statistics ^
- Imperial College Business School**, Master's, Finance
- Stanford University**, Doctorate, Finance ^
- University of Pennsylvania**, Master's, Computer Science (2)
- University of Pennsylvania**, Master's, Data Science (2)
- University of Pennsylvania**, Master's, Systems Engineering +

\* Double Major  
 + College Dual Degree  
 ◦ Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

### Program Fields

11 responses

- Engineering, 64%
- Business, 18%
- Science (non-medical), 18%

### Degree Levels

11 responses

- Master's, 73%
- Doctorate, 27%

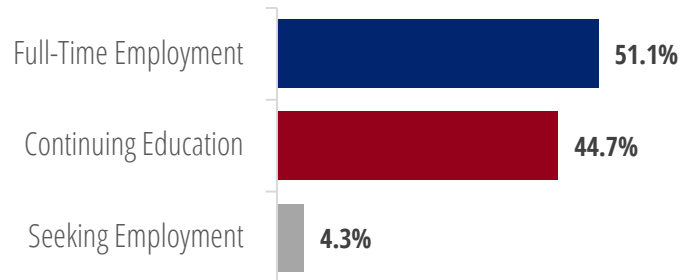
# Bioengineering

47 responses

## First Destinations: Employers

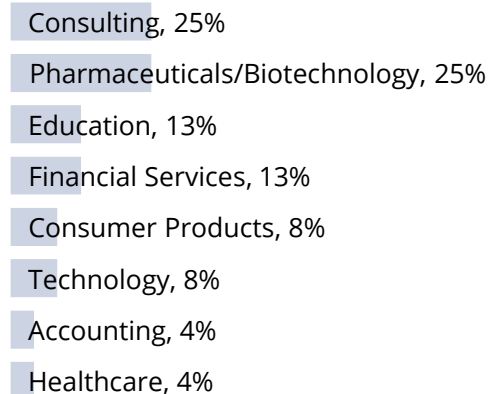
- AlphaThera**, Business Development Associate
- Anheuser-Busch**, General Management Trainee
- BluePrint Research Group**, Associate
- Carnegie Mellon University**, Associate Researcher
- Children's Hospital of Philadelphia**, Research Assistant
- ClearView Healthcare Partners**, Life Sciences Strategy Analyst
- Columbia Engineering**, Amgen Scholar at Nanotherapeutics and Stem Cell Engineering Lab
- Evercore**, Restructuring Analyst ◦
- Goldman Sachs**, Investment Banking Analyst ◦
- GRAPH Strategy**, Associate ◦
- Health Advances, LLC**, Analyst
- Johnson & Johnson Family of Companies**, R&D Leadership Development Program Engineer
- KPMG LLP**, Associate at Innovation Lab ◦
- Marwood Group**, Strategy Analyst
- Merck & Co., Inc.**, Associate Specialist, Engineering
- Microsoft**, Product Manager ◦
- Myriad Genetics**, Software Engineer
- Palantir Technologies**, Forward-Deployed Software Engineer ◦
- PricewaterhouseCoopers (PwC)**, Consulting Business Associate
- Project Farma**, Project Engineer
- RBC Capital Markets**, Institutional FX Sales Analyst ◦
- Roivant Sciences**, Business Analyst ^
- Strella Biotechnology**, Research & Development
- University of Pennsylvania - Dr. David F. Meaney Research Lab**, Research Specialist ^

## Post-Graduation Outcomes



## Industries

24 responses



\* Double Major

+ College Dual Degree

◦ Wharton Dual Degree

^ SEAS Bachelor's & Master's Degree

Continuing Education continued on next page

# Bioengineering

47 responses

## First Destinations: Graduate Schools & Continuing Education Programs

- University of California, Berkley**, Doctorate
- University of Pennsylvania**, Master's, Bioengineering (8)
- University of Pennsylvania**, Master's, Bioengineering and Biomedical Engineering (2)
- University of Pennsylvania**, Master's, Biotechnology Engineering
- University of Pennsylvania**, Master's, Data Science (2)
- University of Pennsylvania**, Master's, Mechanical Engineering
- University of Pennsylvania**, Master's, Mechanical Engineering & Applied Mechanics
- University of Pennsylvania**, Master's, Robotics
- University of Pennsylvania**, Master's, Systems Engineering (3)
- Vanderbilt University**, Doctorate, Biomedical Engineering

### Degree Levels

19 responses

Master's, 90%

Doctorate, 10%

- \* Double Major
- + College Dual Degree
- o Wharton Dual Degree
- ^ SEAS Bachelor's & Master's Degree

# Chemical & Biomolecular Engineering

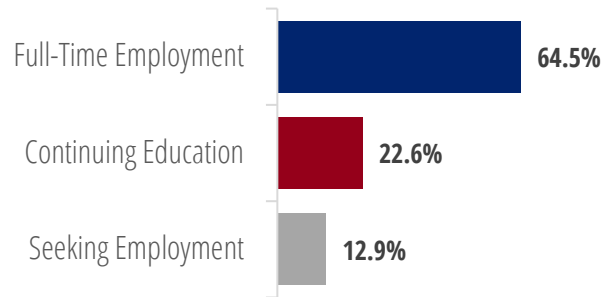
31 responses

## First Destinations: Employers

- Accenture**, Analyst (Management Consulting)
- AES Clean Technology**, Project Coordinator
- AlphaThera**, Scientist
- Anheuser-Busch**, Brewery Trainee Program
- Beam Therapeutics**, Research Associate
- Cantor Fitzgerald**, Biotech Equity Research Associate
- Cofactor Group**, Associate
- Cornerstone Research**, Analyst (Management Consulting) +
- Deloitte**, Business Analyst
- Exelon Corporation**, Analyst
- Gap**, Merchandise Assistant
- Leahey and Johnson**, Global Operations Leadership Development Program Associate
- Mastercard**, Associate Consultant
- Merck & Co., Inc.**, Associate Specialist, Technical Operations
- PowerAdvocate**, Growth Strategy Associate +
- Shell Oil Company**, Process Engineer
- Spark Therapeutics**, Research Associate
- The Kraft Heinz Company**, Corporate Management Trainee
- Tulip Interfaces**, Engineering Intern \*

\* Double Major  
 + College Dual Degree  
 o Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

## Post-Graduation Outcomes



## Industries

19 responses

- Pharmaceuticals/Biotechnology, 32%
- Consulting, 16%
- Technology, 16%
- Consumer Products, 11%
- Chemicals/Gases, 5%
- Energy/Natural Resources/Utilities, 5%
- Engineering, 5%
- Financial Services, 5%
- Retail/Wholesale, 5%

## First Destinations: Graduate Schools & Continuing Education Programs

- Massachusetts Institute of Technology**, Doctorate, Biological/Biosystems Engineering
- Princeton University**, Doctorate, Chemical & Biological Engineering +
- University of Chicago**, Master's, Computer Science +
- University of Notre Dame, Mendoza College of Business**, Master's, Management
- University of Pennsylvania**, Master's, Scientific Computing
- University of Southern California**, Doctorate, Chemical Engineering
- University of Tennessee, Knoxville**, Doctorate, Philosophy, Nuclear Engineering

## Program Fields

7 responses

- Engineering, 43%
- Science (non-medical), 29%
- Business, 14%
- Other, 14%

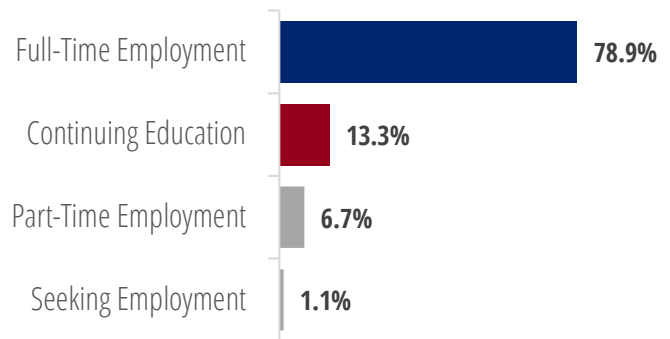
# Computer Science

90 responses

## First Destinations: Employers

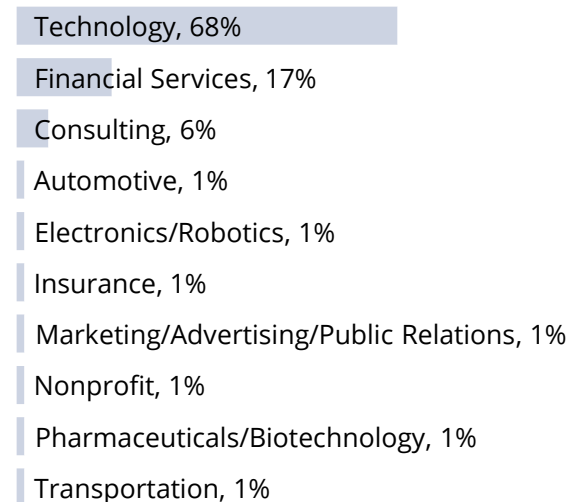
- Amazon Robotics**, Software Development Engineer (2)
- Amazon Robotics**, Software Development Engineer ^
- Amazon Web Services**, Software Development Engineer
- Amazon Web Services**, Software Engineer
- Apple**, PM Intern ^
- Apple**, Software Engineer ^
- BlackRock**, Software Engineer
- Bloomberg**, Software Engineer
- Bloomberg**, Software Engineer o
- Bridgewater Associates**, Investment Engineer
- Bridgewater Associates**, Investment Logic Engineer
- Broadway Technology**, Software Consultant
- Citadel Securities**, Software Engineer o
- Citadel Securities**, Software Engineer \*
- Facebook**, Data Scientist ^
- Facebook**, Software Engineer (3)
- Facebook**, Software Engineer (6) ^
- Facebook**, Software Engineer o
- Figma**, Software Engineer
- Five Rings Capital**, Software Developer
- Flexport**, Software Engineer
- Goldman Sachs**, Risk Analyst \*
- Google, Inc.**, Software Engineer (4)
- Google, Inc.**, Software Engineer ^
- Google, Inc.**, Software Engineer \*
- Insight Partners**, Investment Analyst o
- Jane Street**, Software Developer ^
- Jane Street**, Software Engineer ^
- Latch**, Ios Developer \*
- Linkedin Corporation**, Full-Stack Software Engineer o
- Microsoft**, Product Manager
- Microsoft**, Product Manager o
- Microsoft**, Software Engineer (2)
- Microsoft**, Software Engineer ^
- MongoDB**, Software Engineer
- Newscred**, Full-Stack Software Engineer ^

## Post-Graduation Outcomes



## Industries

71 responses



\* Double Major  
 + College Dual Degree  
 o Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

Employers continued on next page

# Computer Science

90 responses

## First Destinations: Employers

- Novetta**, Data Scientist ^
- Novetta**, Machine Learning Engineer
- Oliver Wyman**, Business Consultant o
- Palantir Technologies**, Forward Deployed Engineer ^
- Palantir Technologies**, Software Engineer ^
- Palentir Technologies**, Civil Liberties Engineer o
- Palo Alto Networks**, Product Management Academy - PMA o
- Percepta**, Co-Founder & CEO
- Pew Research Center**, Content Analyst (Coder)
- Poly**, Software Engineering
- Publicis Sapient**, Software Engineer
- Queue Solutions LLC**, CEO o
- Radian**, Pricing Analyst
- Shoreline**, Software Engineer
- Snap Inc.**, Software Engineer ^
- Sym**, Product Manager o
- The D. E. Shaw Group**, Software Developer
- Tulip Interfaces**, Engineering Intern \*
- Vanguard**, Software Engineer
- Verily Life Sciences**, Firmware Engineer
- Vetcove**, Software Engineer
- Wealthfront, Inc.**, Backend Software Engineer o
- Zendesk**, Software Engineer

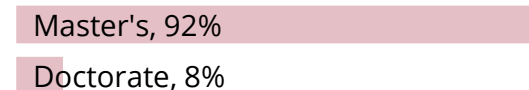
\* Double Major  
 + College Dual Degree  
 o Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

## First Destinations: Graduate Schools & Continuing Education Programs

- Harvard University**, Doctorate, Computer Science \*
- University of Pennsylvania**, Master's, Computer and Information Science (2) o
- University of Pennsylvania**, Master's, Computer Information Science
- University of Pennsylvania**, Master's, Computer Information Science (2) ^
- University of Pennsylvania**, Master's, Computer Science \*
- University of Pennsylvania**, Master's, Embedded Systems \*
- University of Pennsylvania**, Master's, Robotics (2)
- University of Pennsylvania**, Master's, Robotics o
- University of Pennsylvania**, Master's, Robotics \*

## Degree Levels

12 responses





# Digital Media Design

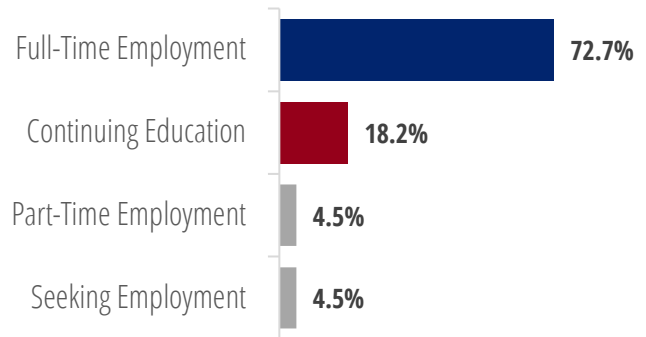
22 responses

## First Destinations: Employers

- Amazon**, Software Development Engineer
- Blizzard Entertainment**, Associate Software Engineer
- Boston Consulting Group (BCG)**, AI Software Engineer ○
- Cesium**, Software Developer
- Dreamworks Animation**, Visual Development Artist
- Elsevier**, Software Engineer
- Facebook - Digital Fish**, Technical Artist
- Figma**, Software Engineer
- Google, Inc.**, Software Engineer
- Microsoft**, Software Engineer
- NBCUniversal**, Media Tech Associate
- Netflix**, Visual Development Artist
- Pixar Animation Studios**, Global Technology/Software Engineer
- Prophecy Games**, Gameplay Engineer
- Radian**, Digital Designer
- Sony Interactive Entertainment America (Sony PlayStation)**, Technical Artist

\* Double Major  
 + College Dual Degree  
 ○ Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

## Post-Graduation Outcomes



## Industries

16 responses

- Media/Journalism/Entertainment, 44%
- Technology, 38%
- Consulting, 6%
- Insurance, 6%
- Publishing/Printing, 6%

## First Destinations: Graduate Schools & Continuing Education Programs

**University of Pennsylvania**, Master's, Computer Graphics and Game Technology (4)

# Electrical Engineering

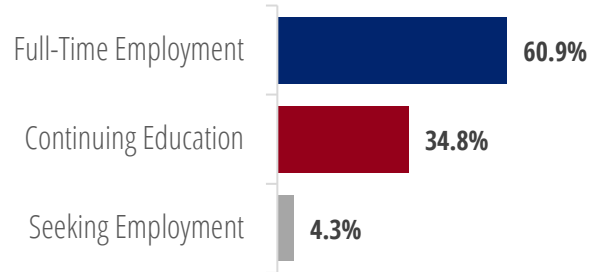
23 responses

## First Destinations: Employers

- Amazon**, Software Development Engineer
- Apple**, Engineering Program Manager ○
- Children's Hospital of Philadelphia**, Data Scientist Intern
- DBO Partners**, Analyst (Investment Banking) ○
- Federal Aviation Administration**, Electrical Engineer
- Google, Inc.**, Software Engineer \*
- Magnetar Capital**, Quantitative Analyst (Finance) ○
- Mastercard**, Data Engineer
- Microsoft**, Electrical Engineer ^
- Navigant (A Guidehouse Company)**, Consultant +
- Nuro**, Software Engineer ^
- Raytheon Intelligence & Space**, Electrical Engineer
- Sargent & Lundy**, Transmission Line Associate
- Toast, Inc**, Software Engineer +

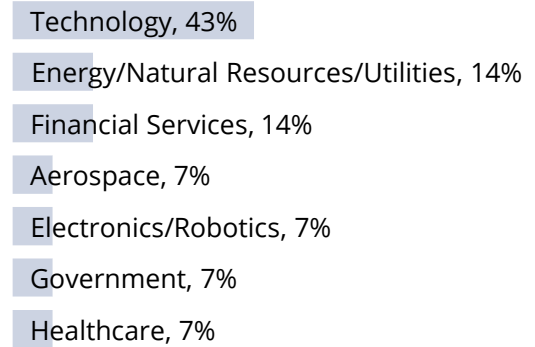
\* Double Major  
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 ○ Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

## Post-Graduation Outcomes



## Industries

14 responses

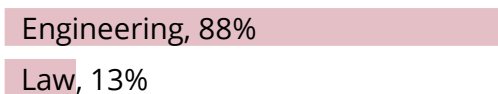


## First Destinations: Graduate Schools & Continuing Education Programs

- Harvard Law School**, Doctorate, Law ○
- Massachusetts Institute of Technology**, Doctorate, Computer Science & Engineering ^
- University of Pennsylvania**, Doctorate, Electrical and Systems Engineering
- University of Pennsylvania**, Master's, Embedded Systems \*
- University of Pennsylvania**, Master's, Nanotechnology
- University of Pennsylvania**, Master's, Robotics
- University of Pennsylvania**, Master's, Robotics \*
- University of Pennsylvania**, Master's, Robotics, Data Science

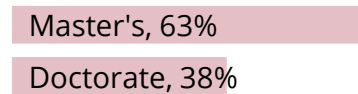
## Program Fields

8 responses



## Degree Levels

8 responses



# Materials Science & Engineering

14 responses

## First Destinations: Graduate Schools & Continuing Education Programs

**California Institute of Technology**, Doctorate, Materials Science & Engineering +

**Carnegie Mellon University**, Doctorate, Materials Science & Engineering ^

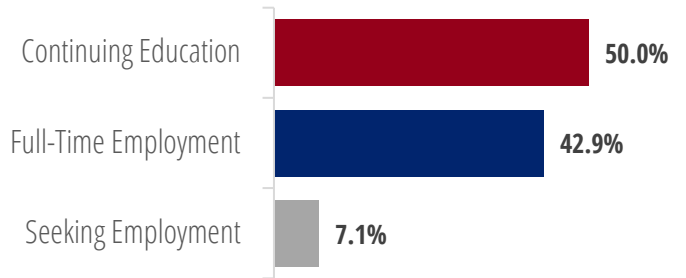
**Northwestern University**, Doctorate, Materials Science & Engineering +

**Stanford University**, Doctorate, Materials Science & Engineering

**University of Cambridge**, Master's, Environmental Policy +

**University of Pennsylvania**, Master's, Computer Science +

## Post-Graduation Outcomes



\* Double Major  
 + College Dual Degree  
 o Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

## Program Fields

6 responses

Engineering, 83%

Social Science, 17%

## Degree Levels

6 responses

Doctorate, 67%

Master's, 33%

## First Destinations: Employers

**Amazon**, Vendor Manager o

**City Year**, Americorps Member ^

**Epic**, Technical Solutions ^

**General Dynamics, Electric Boat**, Materials Engineer

**McKinsey & Company**, Business Analyst ^

**Seer**, Associate Engineer ^

## Industries

6 responses

Technology, 33%

Consulting, 17%

Engineering, 17%

Nonprofit, 17%

Pharmaceuticals/Biotechnology, 17%

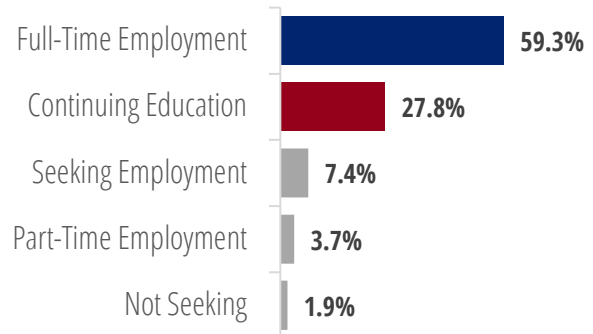
# Mechanical Engineering & Applied Mechanics

54 responses

## First Destinations: Employers

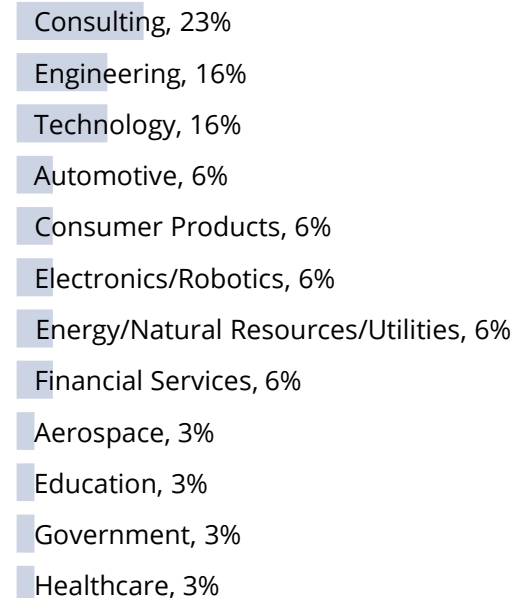
- 3M**, Application Engineer
- AQR Capital Management**, Analyst ◦
- Bain & Company**, Associate Consultant (2) ◦
- Boston Children's Hospital**, Research Associate II
- Boston Consulting Group (BCG)**, Associate ◦
- Boston Consulting Group (BCG)**, Associate ^
- Capital One**, Business Analyst ◦
- Commure**, Engineer
- General Motors**, Mechanical Engineer
- Ghost Robotics**, Autonomy and AI Applications Engineer
- GPG TRACK Program at General Motors**, Quality, Reliability, and Durability Engineer
- Holtec International**, Operations Engineer +
- IL MAKIAGE**, Growth Data Analyst
- Impetus Consulting Group**, Consultant
- Latch**, Ios Developer \*
- Lava Limited**, General Manager
- Lyft**, Associate Product Manager ^
- McKinsey & Company**, Business Analyst
- McKinsey & Company**, Business Analyst ^
- Microsoft**, Program Manager ^
- Millennium Engineering and Integration**, Engineering Intern
- NAVSEA**, Mechanical Engineer
- Power & Systems Inspection Group**, Energy Data Analyst
- Skydio**, Autonomy Engineer
- Skydio**, Test and Reliability Engineer
- Twitter**, Product Manager ◦
- United States Navy**, Engineer
- University of Pennsylvania - Penn Office Of Investments**, Investment Analyst
- Vertex Aerospace LLC**, Junior Thermal Engineer
- Water Technology, Inc.**, Mechanical Designer/Project Manager

## Post-Graduation Outcomes



## Industries

31 responses



\* Double Major  
 + College Dual Degree  
 ◦ Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

Continuing Education continued on next page

# Mechanical Engineering & Applied Mechanics

54 responses

## First Destinations: Graduate Schools & Continuing Education Programs

**Indian Institute of Management, Bangalore**

**Texas A&M University**, Master's, Mechanical Engineering

**University of Pennsylvania**

**University of Pennsylvania**, Master's, Mechanical Engineering (3)

**University of Pennsylvania**, Master's, Mechanical Engineering & Applied Mechanics (2)

**University of Pennsylvania**, Master's, Robotics (5)

**University of Pennsylvania**, Master's, Scientific Computation

**University of Pennsylvania**, Master's, Systems Engineering ^

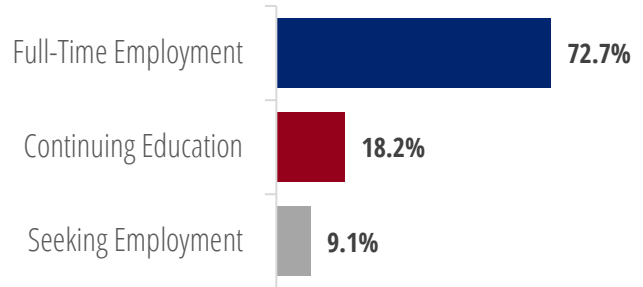
# Networked & Social Systems Engineering

11 responses

## First Destinations: Employers

- Apple**, Software Engineer
- Bloomberg**, Software Engineer
- Google, Inc.**, Associate Product Manager ^
- JPMorgan Chase & Co.**, Analyst ○
- Microsoft**, Customer Engineer
- Palantir Technologies**, Forward Deployed Engineer
- Pangaea**, Product Engineer
- Wealthfront**, Software Engineer ○

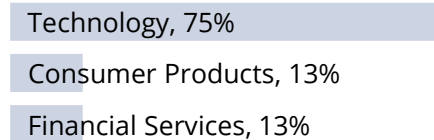
## Post-Graduation Outcomes



- \* Double Major
- + College Dual Degree
- Wharton Dual Degree
- ^ SEAS Bachelor's & Master's Degree

## Industries

8 responses



## First Destinations: Graduate Schools & Continuing Education Programs

- University of Pennsylvania**, Master's, Computer and Information Services
- University of Pennsylvania**, Master's, Computer Information Science

# Systems Science & Engineering

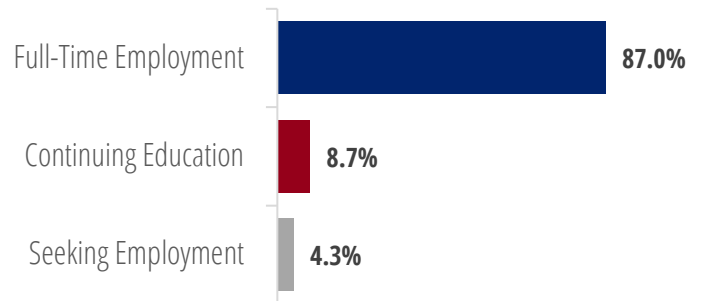
23 responses

## First Destinations: Employers

- Atlassian**, Software Engineer
- Bridgewater Associates**, Investment Engineer ◦
- CEG Solutions LLC**, Energy Development Associate \*
- End-to-End Analytics**, Associate
- FTI Consulting**, Data Analyst
- GCM Grosvenor**, Hedge Fund Strategies Analyst
- GlaxoSmithKline**, Technology Associate ^
- Goldman Sachs**, Analyst (2)
- Goldman Sachs**, Product Manager
- Goldman Sachs**, Quantitative Strategist
- JPMorgan Chase & Co.**, Software Engineer
- Marsh & McLennan**, Financial Analyst
- Microsoft**, Program Manager ^
- Microsoft**, Software Engineer ^
- Outage, LLC**, Data Analyst
- Red Ventures**, Associate
- RTI International**, Health Analyst
- Universal Orlando Resort**, Associate Industrial Engineer
- Ziiki Media**, Artists and Relations

\* Double Major  
 + College Dual Degree  
 ◦ Wharton Dual Degree  
 ^ SEAS Bachelor's & Master's Degree

## Post-Graduation Outcomes



## Industries

20 responses

- Financial Services, 35%
- Technology, 15%
- Consulting, 10%
- Media/Journalism/Entertainment, 10%
- Sports/Hospitality/Food Service, 10%
- Engineering, 5%
- Insurance, 5%
- Nonprofit, 5%
- Pharmaceuticals/Biotechnology, 5%

## First Destinations: Graduate Schools & Continuing Education Programs

- Harvard University**, Master's, Computational Science +
- University of Pennsylvania**, Doctorate, Electrical Engineering +