



# School of Engineering & Applied Science

## **Summer 2018**

### Survey Report

#### Overview

[Summer Plans](#) | [Employers](#) | [Industries](#) | [Job/Internship Offers](#) | [Salaries](#)

#### Job & Internship Locations

#### Rising Seniors

#### Rising Juniors

#### Rising Sophomores

#### Internships & Jobs by Major

#### *Work & Internships by Industry \**

#### *Salaries by Industry \**

#### *Salaries by Job Function \**

*\*Summer 2018 Industry Report (contains information from all Undergraduate Schools)*

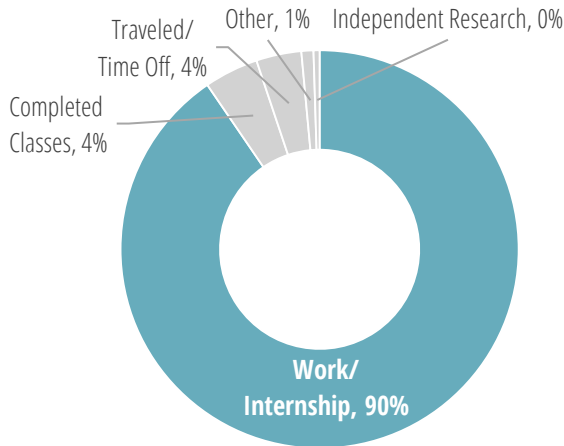
#### Methodology

Career Services at the University of Pennsylvania annually surveys undergraduates about their summers. This report looks at rising sophomores, juniors and seniors from the School of Engineering & Applied Science during the summer of 2018. There were 409 responses, a 28% response rate.

# Summer Plans Survey

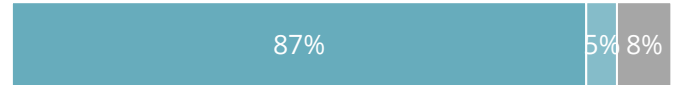
## Primary Summer Activity

409 responses



## Type of Work/Internship

365 responses



## Average Monthly Salary

294 responses



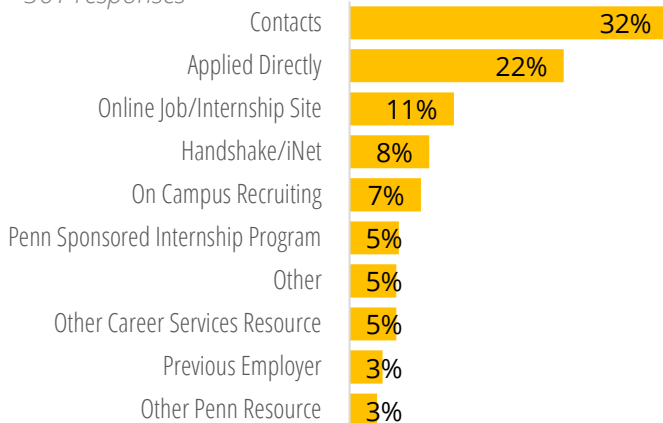
## Industries

366 responses



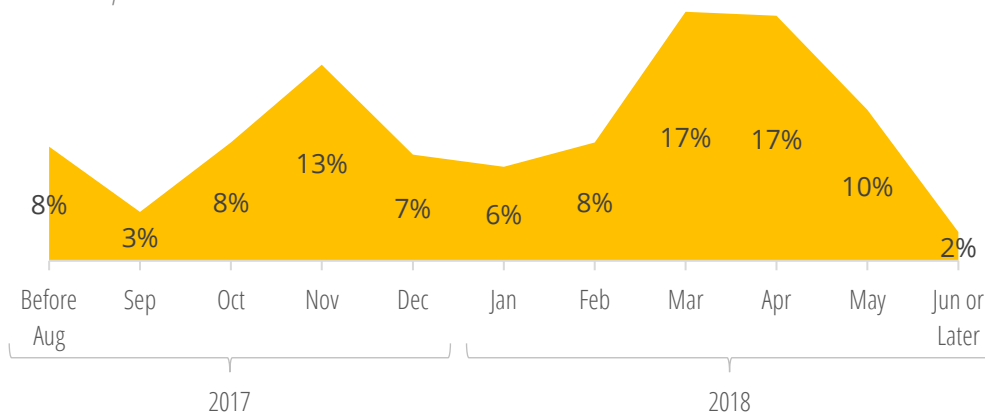
## How They Heard About the Opportunity

361 responses



## When They Got Their Offer

360 responses



## Popular Employers

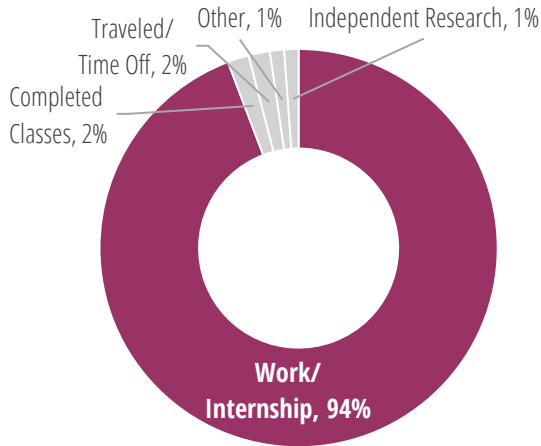
- University of Pennsylvania (76)
- Google (11)
- Facebook (11)
- JPMorgan Chase & Co (8)
- Microsoft (7)
- Goldman Sachs (6)
- McKinsey & Company (4)
- Apple (4)
- Amazon (4)



# Rising Seniors

## Primary Summer Activity

173 responses



## Type of Work/Internship

163 responses



## Average Monthly Salary

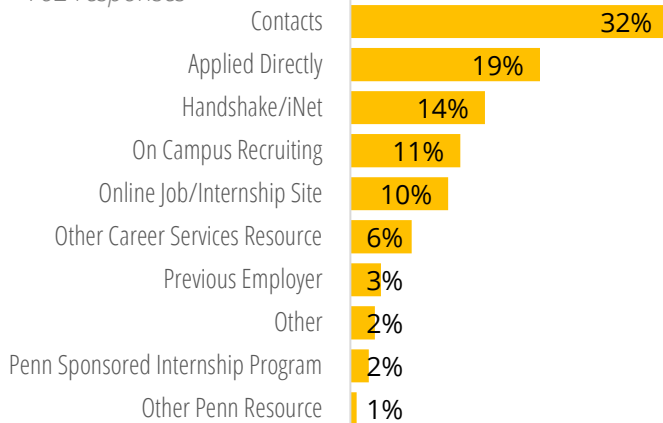
141 responses

**\$5,596**

(1%) Paid Part-time  
(4%) Unpaid/Part-time Volunteer

## How They Heard About the Opportunity

162 responses



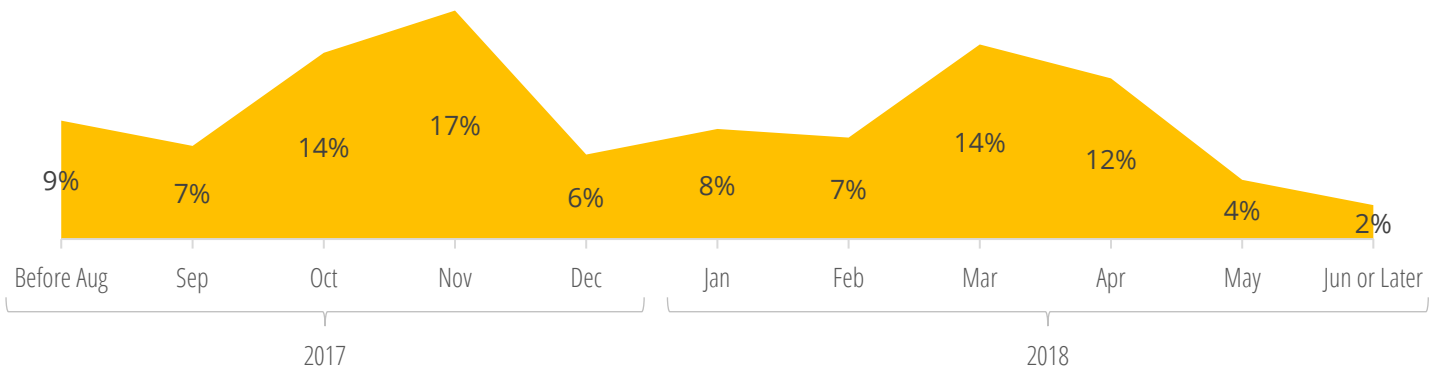
## Industries

163 responses



## When They Got Their Offer

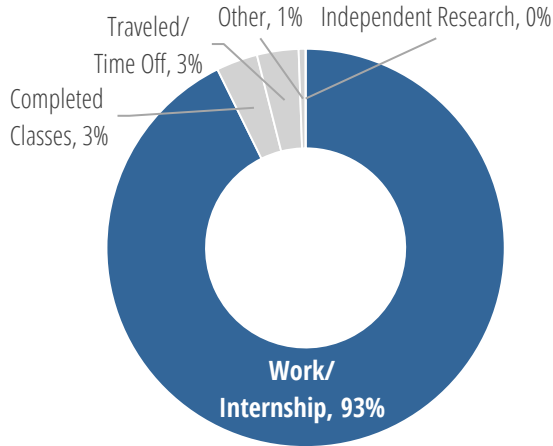
162 responses



# Rising Juniors

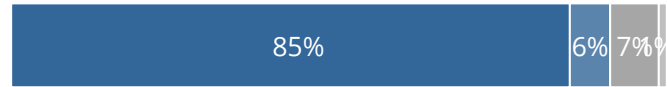
## Primary Summer Activity

178 responses



## Type of Work/Internship

162 responses



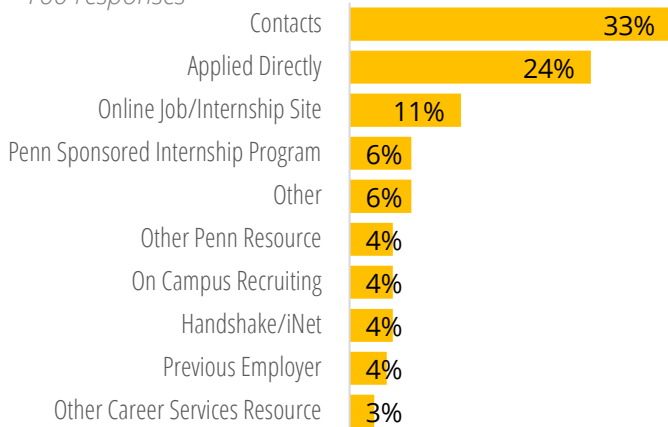
## Average Monthly Salary

126 responses

Category	Average Monthly Salary
Paid Full-time	\$3,518
Paid Part-time	\$920
Unpaid/Volunteer Full-time   Part-time	

## How They Heard About the Opportunity

160 responses



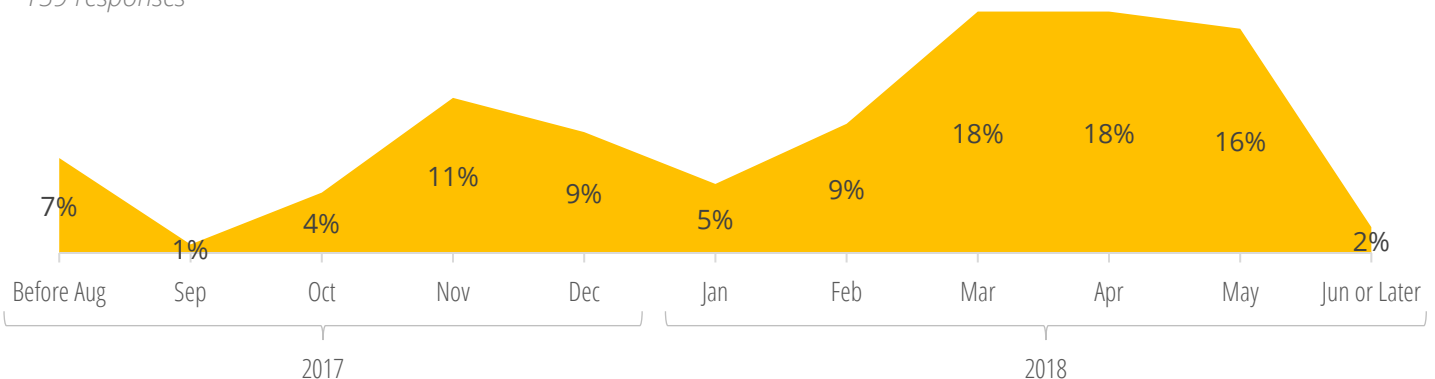
## Industries

163 responses



## When They Got Their Offer

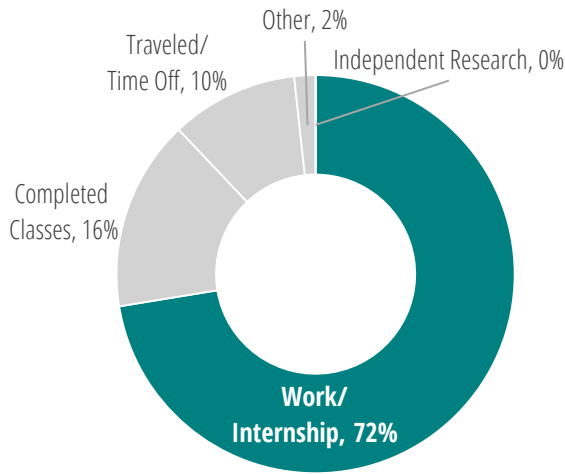
159 responses



# Rising Sophomores

## Primary Summer Activity

58 responses



## Type of Work/Internship

40 responses



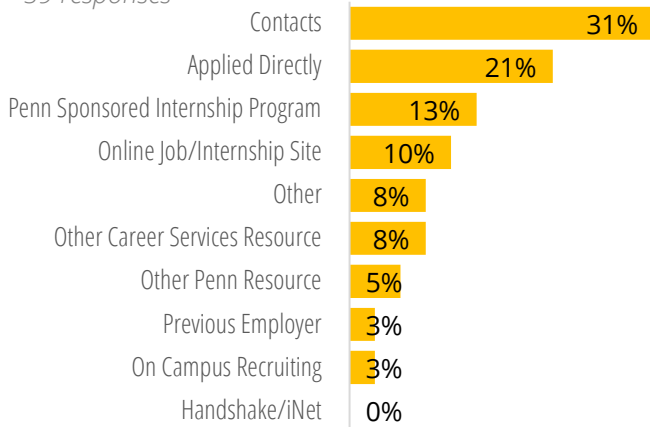
## Average Monthly Salary

27 responses



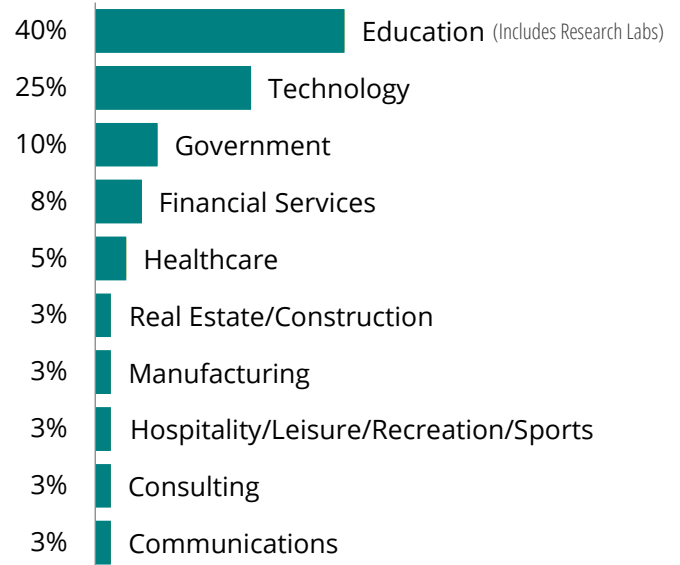
## How They Heard About the Opportunity

39 responses



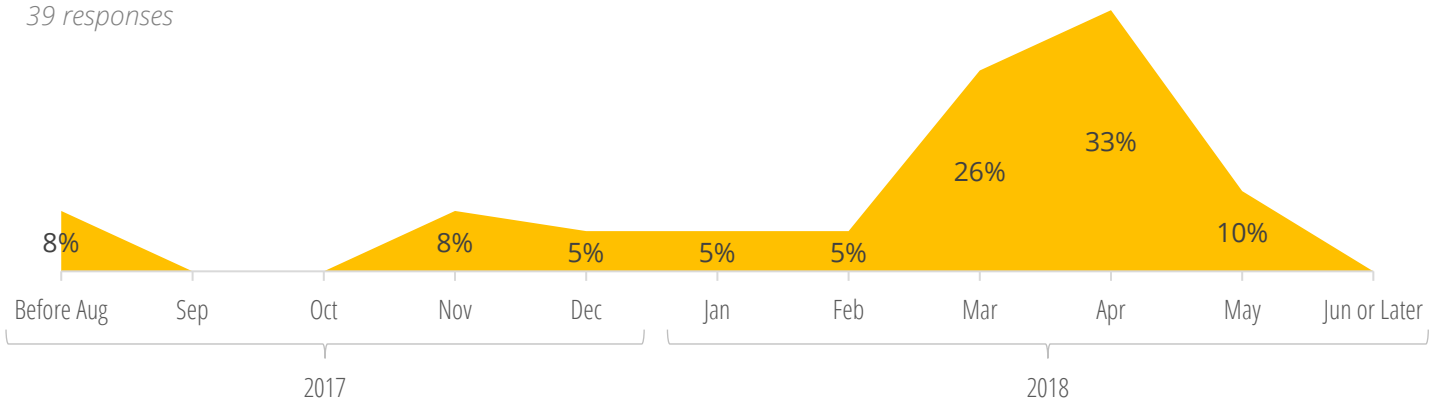
## Industries

40 responses



## When They Got Their Offer

39 responses



# Internships & Jobs by Major

Applied Science: Biomedical Science

Applied Science: Computational Biology

Applied Science: Computer and Cognitive Science

Applied Science: Computer Science

Bioengineering

Chemical and Biomolecular Engineering

Computer Engineering

Computer Science

Digital Media Design

Electrical Engineering

Materials Science and Engineering

Mechanical Engineering and Applied Mechanics

Networked and Social Systems Engineering

Systems Science and Engineering

Undeclared

# Internships & Jobs by Major

## Applied Science: Biomedical Science

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**Children's Hospital of Philadelphia**, Research Assistant \*

**Johns Hopkins University**, Research Assistant ○

**Olombria**, Engineering Assistant +

**Pacific Northwest National Lab**, Computational Biology Intern ○

**University of Pennsylvania - Perelman School of Medicine; Soccio Lab**, Research Assistant ○

+ Rising Senior

\* Rising Junior

○ Rising Sophomore

## Applied Science: Computational Biology

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**InterSystems**, Software Developer +

## Applied Science: Computer and Cognitive Science

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**Aeris Communications**, Engineering Fellow \*

**Google - X, the Moonshot Factory**, Software Engineering Intern \*

**London Private Sports Betting Funds**, Software Engineering +

**Microsoft**, Explore Intern \*

**University of Pennsylvania**, Research Assistant \*

## Applied Science: Computer Science

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**Balyasny Asset Management L.P.**, Big Data Intern \*

**Credit Suisse**, Summer Analyst \*

**Facebook**, Software Engineer Intern \*

**Facebook**, Software Engineering Intern \*

**GoDaddy**, Advanced Analytics Intern +

**Google**, Associate Product Management Intern +

**Lazard**, Emerging Tech Analyst +

**LendingHome**, Software Engineering Intern +

**Morgan Stanley**, Investment Banking Summer Analyst +

## Bioengineering

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**Allevi Inc**, Bioengineering Intern \*

**Bayer AG**, Technology Consultant Intern +

**Beanstalk Inc.**, Software Intern \*

**Ben Gurion University**, Research Assistant +

**CB Insights**, Intelligence Unit Intern \*

**Children's Hospital of Philadelphia**, Student Lab Assistant I \*

**Estee Lauder**, Intern +

**FMC Corporation**, STEM Intern - Discovery Biology \*

**GlaxoSmithKline**, Computational Biology Intern +

**Goldman Sachs**, Investment Banking Summer Analyst \*

**IEX Group**, Summer Rotational Intern +

**KPMG**, Cognitive Automation Intern +

**Merck & Co. Pharmaceutical**, Vaccine Process Development Engineering Intern \*

**MilkCrate**, Product Management Intern +

**National Institutes of Health**, Biomedical Engineering Summer Intern +

**Regeneron Pharmaceuticals**, Bioinformatics Core Services Intern \*

**Regeneron Pharmaceuticals**, Intern +

**Roche**, Clinical Data Intern \*



**Spark Therapeutics, Inc.**, Liver Research Intern \*  
**Stryker**, Finance Intern \*  
**Stryker**, Product Support Engineering Intern +  
**Stryker**, R&D Engineering Intern +  
**Thomas Jefferson University**, Research Assistant \*  
**Tiba Biotech**, Research Assistant \*  
**Twine Labs**, Chief of Staff \*  
**University of Michigan**, Research Assistant +  
**University of Pennsylvania**, Research Assistant \*  
**University of Pennsylvania**, Research Assistant +  
**University of Pennsylvania**, Research Assistant ○  
**University of Pennsylvania - Center for Neuroengineering and Therapeutics**, Research Assistant \*  
**University of Pennsylvania - Department of Bioengineering**, Research Assistant ○  
**University of Pennsylvania - Engineering Summer Academy at Penn**, Residential Teaching Assistant ○  
**University of Pennsylvania - Perelman School of Medicine**, Research Assistant \*  
**University of Pennsylvania - Perelman School of Medicine; Chen Neurosurgery Lab**, Intern \*  
**University of Pennsylvania - PURM**, Research Technician ○  
**University of Pennsylvania - Rachleff Scholars**, Research Assistant \*  
**Vertex Pharmaceuticals**, Corporate Finance Intern +

+ Rising Senior * Rising Junior ○ Rising Sophomore
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## Chemical and Biomolecular Engineering

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**A+ Tutoring Services Corporation**, Administrative Assistant \*  
**Bristol Myers Squibb**, Intern \*  
**DNB Markets**, Investment Banking Summer Intern \*  
**Dow Chemical Company**, Research and Development Engineering Intern +  
**Estee Lauder Companies**, Research and Development Intern \*  
**ExxonMobil**, Chemicals Supply Chain Intern +  
**Green Building United**, Support Intern \*  
**KL Polish**, Product Development Specialist \*  
**Kraft Heinz**, Corporate Management Intern +  
**Moore Brothers Company**, Composites Manufacturing Intern +  
**Nutriline**, Project Engineering Intern +  
**Pfizer Inc.**, Equipment Engineering Intern +  
**Reliance Industries Limited**, Summer Intern \*  
**Shiseido Americas**, Process Engineering Intern \*  
**Simon-Kucher & Partners**, Associate Consultant +  
**United States Postal Service**, Rural Mail Carrier ○  
**University of Delaware**, Research Assistant \*  
**University of Pennsylvania**, Research Assistant ○  
**University of Pennsylvania**, Research Assistant /Velay Fellow \*  
**University of Pennsylvania**, Residential Teaching Assistant +  
**University of Pennsylvania**, Undergraduate Research Assistant +  
**University of Pennsylvania - Engineering Summer Academy**, Residential Teaching Assistant +  
**University of Pennsylvania - Engineering Summer Academy at Penn**, Residential Teaching Advisor +  
**University of Pennsylvania - Hammer Laboratory**, Research Assistant +  
**University of Pennsylvania - Perelman School of Medicine**, Undergraduate Researcher ○  
**University of Pennsylvania - Rachleff Scholars Summer Research**, Research Assistant \*  
**University of Pennsylvania - Vagelos Integrated Program in Energy Research**, Chemical Engineering Research Assistant \*  
**University of Pennsylvania - Vagelos Integrated Program in Energy Research**, Research Assistant \*

## Computer Engineering

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- Amazon**, Software Development Intern +
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania - M&T Summer Institute**, Head Engineering Teaching Assistant \*
- University of Pennsylvania - Wharton School**, Research Programmer +

- + Rising Senior
- \* Rising Junior
- o Rising Sophomore

## Computer Science

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- Airbnb**, Software Engineer Intern +
- Airbnb**, Software Engineering Intern +
- Airbnb**, Software Engineering Intern \*
- Amazon**, Software Development Engineer Intern \*
- Amazon**, Software Engineering Intern \*
- Amazon Robotics**, Intern +
- Amino Payments**, Software Engineer o
- Apple**, 3D Software Engineer Intern +
- Arcesium**, Technology Intern +
- Argonne National Laboratory**, Student Research Program Participant o
- AXA Rosenberg**, Data Visualization Intern \*
- Axonius**, Software Engineering \*
- Bank of America**, Software Engineer +
- Bank of America**, Technology Analyst +
- Blackstone Group**, Software Developer Summer Analyst +
- Blackstone Group**, Software Engineering Intern \*
- Boston Scientific**, R&D Engineering Intern +
- Bridgewater Associates, LP**, Technology Associate Intern +
- Capital One**, Software Engineering Intern +
- CardConnect**, Software Engineering Intern \*
- Chatham Financial**, Software Development Intern +
- Chicago Lighthouse**, Camp Counselor +
- Citi**, Summer Analyst +
- Citi FinTech**, Summer Intern \*
- Coco and Breezy Eyewear**, Product Manager Intern \*
- Comcast**, Technology Intern +
- Coursera**, Software Engineering Intern \*
- Deutsche Bank**, Summer Analyst \*
- Duolingo, Inc.**, Software Engineer Intern +
- Echostar Corporation**, Software Engineering Intern \*
- Facebook**, Data Scientist Intern +
- Facebook**, Software Engineer Intern \*
- Facebook**, Software Engineer Intern +
- Facebook**, Software Engineer Intern +
- Facebook**, Software Engineer Intern \*
- Facebook**, Software Engineering Inter +
- Facebook**, Software Engineering Intern \*
- Facebook**, Software Engineering Intern +
- FENIX Group International**, Healthcare Consultant Intern \*
- Fidelity Investments**, Software Engineer Intern o
- GAC R&D Center Silicon Valley**, Software Engineering Intern o

- Goldman Sachs**, Summer Analyst +
- Goldman Sachs**, Summer Analyst +
- Goldman Sachs**, Technology Analyst +
- Google**, Engineering Practicum Intern \*
- Google**, Software Engineering Intern +
- Google**, Software Engineering Intern \*
- Halliburton**, Data Scientist \*
- IBM**, Data Science Intern +
- Infosys Limited**, Deep Learning Engineer Intern \*
- Intuit**, Software Engineering Intern +
- ITG**, Summer Analyst +
- Jamison Capital Partners**, Quantitative Researcher Trader +
- Jane Street Capital**, Quantitative Trading Intern +
- JPMorgan Chase & Co**, Software Engineering Intern \*
- JPMorgan Chase & Co**, Summer Technology Analyst \*
- JPMorgan Chase & Co**, Summer Technology Analyst \*
- JPMorgan Chase & Co**, Technology Analyst \*
- JPMorgan Chase & Co**, Technology Analyst Intern \*
- Kinetikos**, Full Stack Developer Intern \*
- Mastercard**, Software Engineering Intern ○
- McKinsey & Company**, Fellow Intern +
- McKinsey & Company**, Freshman Computer Science Intern ○
- McKinsey & Company**, Summer Analyst +
- MilkCrate**, Software Engineering Intern ○
- MITRE Corporation**, Machine Learning Engineer ○
- Moelis & Company**, Investment Banking Summer Analyst +
- MongoDB**, Software Engineering Intern +
- MongoDB**, Software Engineering Intern +
- Morgan Stanley**, Technology Summer Analyst +
- NextCapital**, Product Design Intern \*
- Novetta**, Software Engineer Intern \*
- NVIDIA**, Software Engineering Intern \*
- Optiver**, Trading Intern \*
- PayPal**, Software Engineering Intern \*
- Pearson**, Project Management Intern \*
- Peerlift**, Co-Founder ○
- Portland State University**, Research Assistant +
- Principle Capital**, Intern \*
- Protelo Inc**, Technology Consultant +
- Qualtrics**, Software Engineering Intern +
- Qualtrics**, Software Engineering Intern +
- Republic of China Marine Corps**, Private \*
- Salesforce**, Software Engineer Intern \*
- Seagate Technology**, Data Analytics Intern +
- Slack**, Software Engineering Intern +
- Sonos**, Innovation Hacker Intern \*
- Squarespace**, Software Engineering Intern +
- Strava**, Software Engineering Intern +
- Susquehanna International Group**, Software Engineering Intern \*
- Two Sigma**, Software Engineering Intern ○

- + Rising Senior
- \* Rising Junior
- Rising Sophomore

**Two Sigma**, Software Engineering Intern +  
**University of Pennsylvania**, Research Assistant \*  
**University of Pennsylvania**, Research Assistant \*  
**University of Pennsylvania**, Research Assistant \*  
**University of Pennsylvania**, Research Assistant \*  
**University of Pennsylvania**, Research Assistant \*  
**University of Pennsylvania**, Research Fellow \*  
**University of Pennsylvania**, Research Intern \*  
**University of Pennsylvania**, Residential Teaching Assistant \*  
**University of Pennsylvania**, Scanning Assistant \*  
**Validere**, Analytics Intern ○  
**Vector Marketing**, Pilot Sales Manager \*  
**Visa**, Software Engineering Intern \*  
**Weight Watchers**, Software Engineering Intern \*  
**Workday**, Software Engineering Intern \*

+ Rising Senior * Rising Junior ○ Rising Sophomore
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## Digital Media Design

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**Apple**, Front-End Engineering Intern +  
**Google**, Software Engineering Intern +  
**Google**, Software Engineering Intern +  
**JPMorgan Chase & Co**, Technology Analyst Intern +  
**Keru**, Marketing Intern/Mentor ○  
**Magic Leap**, Software Engineering Intern +  
**Manzanita K.K.**, Web Development and UX Intern \*  
**Microsoft**, Explore Intern \*  
**NVIDIA**, Software Engineer Intern +  
**Pixar Animation Studios**, Intern \*  
**Pixar Animation Studios**, Pixar Undergraduate Program Intern \*  
**Pixar Animation Studios**, Pixar Undergraduate Program Technical Director Intern \*  
**Strivr**, Software Engineering Intern +  
**The New York Times**, Software Engineering Intern +  
**University of Pennsylvania**, Research Assistant ○  
**University of Pennsylvania - Computer Science Summer Research Intern**, Summer Intern Computer Science +  
**Walt Disney Animation Studios**, Art and Computer Graphics Intern \*  
**Walt Disney Animation Studios**, Summer Intern +

## Electrical Engineering

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**Annaly Capital Management**, Quantitative Research Intern \*  
**Credit Suisse**, Summer Analyst +  
**Facebook**, Data Scientist Intern +  
**Google**, Engineering Practicum intern \*  
**Honeywell**, Engineering Intern +  
**Johns Hopkins University - Applied Physics Laboratory**, NASA Dragonfly Project Intern +  
**JPMorgan Chase & Co**, Summer Analyst +  
**Microsoft**, Electrical Engineering Intern +  
**Microsoft**, Explore Intern (PM and SWE) \*  
**Millennium Space Systems**, Electrical Engineering Intern +  
**PGIM Fixed Income**, Summer Analyst +  
**Shade**, Electrical Engineer Intern \*  
**SMS Group GmbH**, Research and Development Intern \*  
**The Aerospace Corporation**, Microelectronics Undergraduate Research Intern +

- Tovala**, Engineering Intern +
- University of Pennsylvania**, Chemistry Library Assistant +
- University of Pennsylvania - Linguistics Data Consortium, Management & Technology Summer Institute**, Research Assistant, Head Residential and Teaching Assistant ○
- University of Pennsylvania - Quantum Engineering Lab**, Research Assistant \*
- University of Pennsylvania - School of Engineering & Applied Science**, Student Researcher \*
- University of Pennsylvania - Vagelos Integrated Program in Energy Research**, Research Assistant \*
- University of Pennsylvania - Vagelos Life Sciences and Management Program**, Research Assistant \*

## Materials Science and Engineering

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- American Wind Energy Association**, Research Analyst Intern +
- CAUH**, R&D Intern \*
- Corning Inc.**, Materials Reliability Engineer +
- Deloitte**, Business Technology Analyst Summer Scholar +
- Department of Energy - Ames National Laboratory**, Summer Research Intern \*
- GE Aviation**, Infra Support Engineering Intern \*
- LUX Global Label**, Intern +
- Spark Thermionics**, Intern +
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania - Center for Engineering MechanoBiology**, Research Assistant \*
- University of Pennsylvania - Goldberg Lab, Department of Chemistry**, Research Assistant ○
- ZF Automotive**, Steering Technical Intern +

- + Rising Senior
- \* Rising Junior
- Rising Sophomore

## Mechanical Engineering and Applied Mechanics

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- Axon Enterprise**, Mechanical Engineering Intern +
- Berkeley Research Group**, Summer Associate +
- Boeing Company**, Internal Management Consultant +
- Boston Consulting Group**, Summer Associate +
- Boston Scientific**, R&D Engineering Intern +
- Braze**, Customer Success Intern +
- Butch Reynolds Speed Academy**, Executive Assistant \*
- Camp Bernadette**, Assistant Boating Director and Counselor ○
- CompassRed Data Labbs**, Data Analytics Intern ○
- DCX-CHOL**, Mechanical Engineering Intern \*
- EquityZen**, Product and Data Science Intern \*
- ExxonMobil**, Fixed Equipment Engineering Intern +
- Exyn Technologies**, Hardware intern +
- Exyn Technologies**, Robotics Intern +
- Greppo Technologies**, Intern ○
- Horsemouth, LLC**, Intern Fellow \*
- Insight Product Development**, Development Engineer Intern +
- Johnson & Johnson**, Facilities Management Intern +
- Lockheed Martin**, Quality Engineering Intern \*
- Make it Nice**, Intern \*
- Milton Roy**, Intern +
- Mizuho Bank**, Summer Analyst +
- Navatek LTD**, Marine Systems Engineering Intern +
- NoCamels**, Reporter ○

# 2018 SCHOOL OF ENGINEERING & APPLIED SCIENCE



- Oculus VR**, Tooling and Process Development Intern +
- Precision Machining Lan**, Machine Shop Assistant \*
- Pre-Framing Corp**, Mechanical Engineering Intern o
- Richey May & Co**, Business Advisory Intern \*
- Robotic Research LLC**, Mechanical Engineering Intern +
- Schlumberger**, Field Engineer Intern +
- SeaWorld Parks and Entertainment**, Park Operations Intern +
- SevenFifty**, Intern +
- Social Solutions**, Intern \*
- Tellurian Inc.**, Mechanical Engineering Intern +
- The Boeing Company**, Dynamic Component Stress Intern +
- University of New Mexico - Center for High Technology Materials**, Research Assistant \*
- University of Pennsylvania**, Research Assistant +
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania**, Research Assistant \*
- University of Pennsylvania**, Residential Teaching Assistant \*
- University of Pennsylvania - Department of Mechanical Engineering & Applied Mechanics**, Research Assistant \*
- University of Pennsylvania - GRASP Lab**, Research Assistant \*
- University of Pennsylvania - MEAM Labs**, Lab Technician \*
- University of Pennsylvania - ModLab in GRASP Lab**, Research Assistant \*
- University of Pennsylvania - Modular Robotics Laboratory**, Research Assistant \*
- University of Pennsylvania - Modular Robotics Laboratory**, Research Assistant \*
- University of Pennsylvania - Perelman School of Medicine**, Research Assistant \*
- University of Pennsylvania - Perelman School of Medicine**, Research Assistant +
- University of Pennsylvania - Perelman School of Medicine; Rehabilitation Robotics Lab**, Research Assistant o
- University of Pennsylvania - Vagelos Integrated Program in Energy Research**, Research Assistant +
- University of Pennsylvania Affiliated Programs**, Counselor/Residential Adviser/Teaching Assistant \*
- Westinghouse**, Mechanical Engineering Intern +

- + Rising Senior
- \* Rising Junior
- o Rising Sophomore

## Networked and Social Systems Engineering

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- EY**, Technology Advisory Intern +
- Goldman Sachs**, Securities Strats Intern +
- Google**, Engineering Practicum Intern \*
- Google**, Engineering Practicum Intern \*
- Megagon Labs**, Software Engineering Intern \*
- Morgan Stanley**, Business Analyst +
- QuantEdge**, Quantitative Research Intern +
- Speakable PBC**, Software and Data Intern \*
- Viget**, Data & Analytics Intern +

## Systems Science and Engineering

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- ActionIQ**, Data Science Intern +
- Apple**, Algorithms Engineering Intern +
- Apple**, Business Development + Strategy Intern +
- Ares Management**, Private Equity Summer Analyst +
- BlackRock**, Summer Analyst +
- Bollere Logistics**, Project Team Intern +
- Bridgewater Associates, LP**, Investment Engineer Intern +
- Dronamics LTD.**, Systems Engineering Intern \*
- Goldman Sachs**, Technology Analyst \*
- Google**, Software Engineering Intern +

# 2018 SCHOOL OF ENGINEERING & APPLIED SCIENCE



- Guidepost Growth Equity**, Summer Analyst +
- IBM**, Data Scientist Intern +
- JUCCE**, Product Development Intern \*
- Kittelson & Associates**, Intern +
- McCombie Group**, Summer Analyst \*
- McKinsey & Company**, Summer Business Analyst +
- Microsoft**, Explorer Intern \*
- Microsoft**, Software Engineering Intern +
- Moelis & Company**, Investment Banking Summer Analyst +
- New Stack Ventures**, Summer Analyst ○
- Office of Naval Research**, Research and Development Intern +
- Pico Quantitative Trading**, Platform Engineering Intern \*
- Pricewaterhouse Coopers**, Management Consultant Summer Associate +
- Salesforce**, Associate Product Manager Intern +
- SevenFifty**, Product Manager Intern +
- TCW**, Intern +
- The Brookings Institution**, Research Intern \*
- Universal Studios Resort Orlando**, Seasonal Intern \*
- University of Pennsylvania**, Engineering Career Days Research and Outreach Intern ○
- University of Pennsylvania**, Research & Teaching Assistant \*
- University of Pennsylvania**, Research Assistant ○
- University of Pennsylvania - GRASP Lab**, Research Assistant \*
- University of Pennsylvania - GRASP Lab**, Research Assistant \*
- University of Pennsylvania - Modular Robotics Laboratory**, Research Assistant \*
- University of Pennsylvania - Penn Digital Scholarship Team**, Assistant Developer \*
- Vertice Pharma**, Finance Intern +
- Wayfair**, Data Analytics Intern +

- + Rising Senior
- \* Rising Junior
- Rising Sophomore

## Undeclared

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- Citi**, Summer Analyst Intern \*
- Lawrence Berkeley National Laboratory**, Research Intern ○
- ThousandEyes**, Product Marketing Intern ○
- University of Pennsylvania - PENNCAP**, Peer Mentor ○
- University of Pennsylvania - Singh Center for Nanotechnology**, Research Assistant ○