

Overview

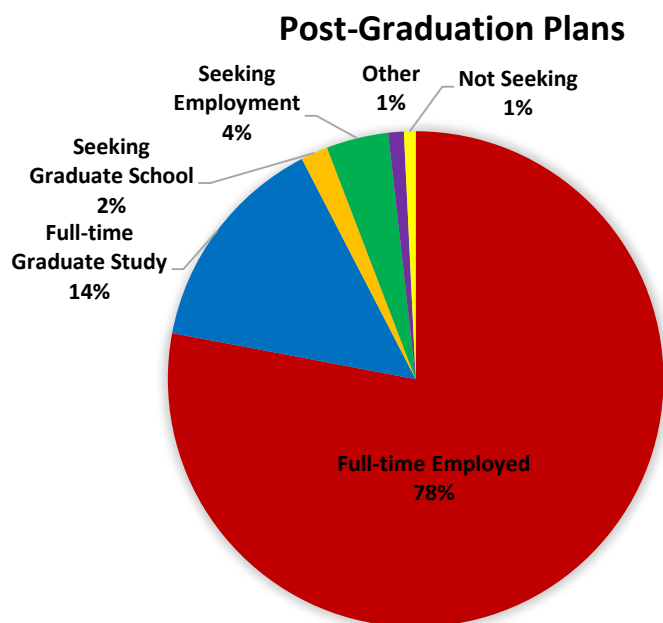
Each year Career Services surveys the School of Engineering & Applied Science (SEAS) graduating class to gather information about their post-graduation plans. This report summarizes the responses from August and December 2014, May 2015 Bachelor of Science in Engineering (BSE) and Bachelor of Applied Science (BAS) degree recipients. The school awarded 416 undergraduate degrees. Career Services received 395 responses, representing a 94.9% response rate.

At the time of the survey, there was a 9% increase over last year in the number of students accepting full-time employment while the pursuit of full-time graduate study decreased by 6%. As in the previous year, 4% of the students indicated they were seeking employment and 2% were seeking graduate school admission. Technology continues to top the industry list for most accepted jobs by our graduates at 30%. Financial Services posted a 5% increase over last year with 27% of students pursuing careers in this field. Manufacturing, consulting and energy/natural resources also continue to be popular industries for our students.

The overall average salary of the employed respondents rose by 10.4% to \$82,851 and 160 students reported receiving a sign-on bonus. As expected, engineers have the highest reported average starting salary of all Bachelor's level students at Penn and a higher average salary than the national average for engineers. The average salary of Penn Engineering majors (not including computer science related) was \$74,152 compared to the national average of \$61,819. Graduates in computer related majors at Penn averaged \$94,252 compared to the national average of \$65,849 for graduates with computer related degrees. The national averages are provided by the National Association of Colleges and Employers, *NACE Salary Survey, September 2015 Executive Summary*.

Of the 243 students reporting the date they received their job offer, 98% of them had their full-time positions by graduation. Full-time employed engineers had an average of 2 job offers, and 57% accepted positions in the Mid-Atlantic or Northeast regions, a 4% decrease over last year. The leading areas of study for students going to graduate school were 77% in engineering and 10% in medicine.

Rosette Pyne, Senior Associate Director
Alina Ispas, Graduate Assistant
February 2016



METHODOLOGY

Engineering students graduating with either a BAS or BSE degree in August 2014, December 2014 and May 2015 responded to several email requests to complete the Career Plans Survey on line between April and November 2015. The SEAS Academic Programs Office sent an email to the graduating students asking them to complete the survey as part of the graduation process. In November a friendly request (email and phone) was made to students who had not responded to earlier requests or who had previously indicated they were still seeking employment or graduate school admission. A search of LinkedIn was accessed to find or identify any updated information from those who had not responded to all requests, and this information was used if subsequent follow-up was verified by the graduate. Department Coordinators were contacted to acquire post graduate data on all the remaining non-respondents.

SECTION 1 – PURSUITS

<u>Plan</u>	<u>Responses</u>	<u>2014-2015 %</u>	<u>2013-2014 %</u>
Full-Time Employment	308	78	69
Attending Full-Time Graduate School	57	14	20
Seeking Full-time Employment	16	4	4
Seeking Graduate School Admission	7	2	2
Other	4	1	5
Not Seeking	3	1	0
TOTAL	395	100.0	100

SECTION 2 - ANALYSIS OF EMPLOYED RESPONDENTS

Number Accepted	Organization
11	Morgan Stanley
10	Facebook
9	Google
8	Accenture, Amazon, Microsoft
7	Goldman Sachs, McKinsey & Company
6	J.P. Morgan Chase
5	Blackrock, Citadel, Citigroup, Epic Systems, University of Pennsylvania
4	The Blackstone Group
3	Bain, Deloitte, Evercore, ExxonMobil, IMS Consulting Group, Oliver Wyman, U.S. Navy
2	AQR, AthenaHealth, Chevron, Credit Suisse, Evonik, Flatiron Health, IBM, LinkedIn, Marathon Trading, Northrop Grumman, Palantir Technologies, Pinterest, PwC, Schlumberger, Strategy&, Tesla Motors, Zynga

Geographic Distribution of Jobs

<u>Area</u>	<u>Number</u>	<u>Percent %</u>
United States		
Northeast	19	7
Mid-Atlantic	145	50
Southeast	10	3
Midwest	13	4
Southwest	8	3
West	71	24
Northwest	18	6
*Abroad	8	3
Total	292	100.0%

Date Received Offer

26% of students received their job offer before returning for their Senior year

98% received their job offer by Graduation*

*243 reporting

*Canada, Great Britain (3), Hong Kong (3), Israel

On-Campus Recruiting Interview Activity

Total Number of Employers: 373
 Total Number of Scheduled Interviews: 11,046

Range and Average Number of Interviews per Employed Student

	Range	Average
On-Campus Recruiting Interviews	1 - 50	6.4
Interviews Resulting from Career Services Leads	1 - 18	3.6
Interviews on Their Own	1 - 35	4.3
All Interviews Combined	1 - 70	9.3



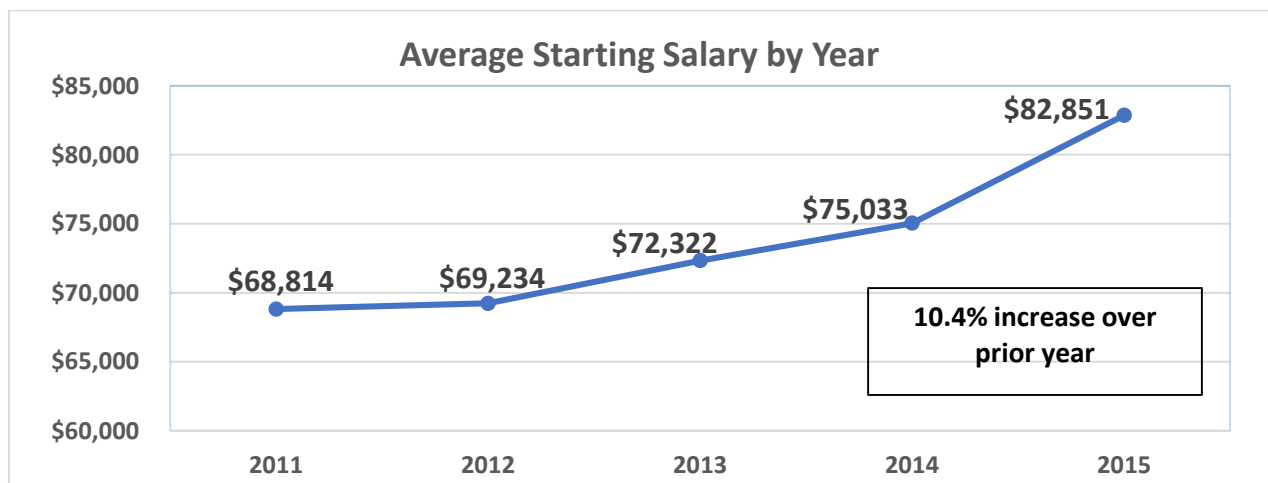
Range and Average Number of Job Offers Received Per Student

	Range	Average
On-Campus Recruiting Offers	1 - 8	1.8
Offers Resulting from Career Services Leads	1 - 4	1.5
Offers on Their Own	1 - 5	1.6
All Offers Combined	1 - 11	2.3



How Full-time Employed Respondents Received Their Job Offer

	Percent (%)
On-Campus Recruiting (OCR)	32.3%
Applied Directly to Organization	22.0%
Previous OCR Employer (summer internship obtained through OCR, resulting in full-time offer)	16.4%
Previous non-OCR Employer (summer internship not obtained through OCR, resulting in full-time offer)	11.2%
Other Career Services Leads (career fairs, job postings, meet & greet events, programs)	8.6%
Contacts	5.2%
Department	2.6%
Other	1.7%



Average Starting Salary by Year

78% of the employed students reported their salaries
 The salary range for 2015 was \$29,500 - \$150,000, with the average being \$82,851

Average Bonus Figure

Sign-on Bonus: \$14,156 (based on 160 responses)
 Annual Bonus: 146 graduates reported that they expect to receive an annual bonus

Average Salary by Major and School

Major	Surveys with		
	Salaries	Average Salary	Range
Applied Science			
Biomedical Science	3	*	*
Computational Biology	2	*	*
Computer Science	30	\$90,833	\$70,000 - \$135,000
Bioengineering	35	\$71,384	\$29,500 - \$150,000
Chemical and Biomolecular Engineering	19	\$73,053	\$60,000 - \$105,000
Computer Engineering	4	\$103,750	\$100,000 - \$110,000
Computer Science	43	\$97,698	\$70,000 - \$135,000
Digital Media Design	16	\$86,625	\$48,000 - \$120,000
Electrical Engineering	8	\$78,094	\$60,000 - \$90,000
Materials Science and Engineering	14	\$75,457	\$40,000 - \$105,000
Mechanical Engineering and Applied Mechanics	24	\$71,727	\$41,600 - \$102,000
Networked and Social Systems Engineering	8	\$100,625	\$75,000 - \$120,000
Systems Science and Engineering	32	\$76,766	\$60,000 - \$95,000

School	Surveys with		
	Salaries	Average Salary	Range
SEAS Only	151	\$81,716	\$29,500 - \$150,000
SEAS/CAS - Dual Degree	5	\$82,800	\$60,000 - \$105,000
SEAS/SEAS - Dual Degree	22	\$80,745	\$40,000 - \$125,000
SEAS/WH - Dual Degree	60	\$86,483	\$65,000 - \$125,000

*Salary/Salaries not reported to maintain confidentiality, where there are three or fewer responses

Average Salary by Gender

School		Surveys with		
		Salaries	Average Salary	Range
SEAS Only				
	Female	56	\$75,429**	\$29,500 - \$150,000
	Male	79	\$86,989	\$41,600 - \$135,000
SEAS/CAS - Dual Degree				
	Female	1	*	*
	Male	4	\$80,000	\$60,000 - \$105,000
SEAS/SEAS - Dual Degree				
	Female	8	\$73,238	\$40,000 - \$100,000
	Male	13	\$85,038	\$42,000 - \$125,000
SEAS/WH - Dual Degree				
	Female	12	\$80,750	\$65,000 - \$115,000
	Male	41	\$87,439	\$70,000 - \$125,000

*Salary/Salaries not reported to maintain confidentiality, where there are three or fewer responses

** Lower average salary a reflection of types of industry and jobs pursued

Average Salary by Job Type

<u>Job Type</u>	<u>Surveys with Salaries</u>	<u>Average Salary</u>	<u>Range</u>
Consulting			
Research	2	*	*
Technical/Information Systems	13	\$76,000	\$72,500 - \$90,000
Management/Strategy	31	\$72,258	\$65,000 - \$80,000
Education			
Teaching	2	*	*
Energy/Environment			
Exploration and Production	1	*	*
Engineering			
Design	7	\$66,907	\$41,600 - \$84,750
Manufacturing/Production	11	\$75,241	\$62,000 - \$93,750
Research and Development	13	\$63,277	\$30,000 - \$105,000
Testing	1	*	*
Systems	2	*	*
Project Management	9	\$68,167	\$55,000 - \$90,000
Quality Assurance	1	*	*
Finance			
Financial Planning and Analysis	2	*	*
Investment Management/Counsel	11	\$77,727	\$70,000 - \$100,000
Private Equity Analyst	3	*	*
Investment Banking Analyst	33	\$84,697	\$75,000 - \$95,000
Trading	7	\$95,714	\$85,000 - \$125,000
Venture Capital Analyst	4	\$76,250	\$65,000 - \$85,000
Government			
Patent Examiner	1	*	*
Information Technology			
Software Developer/Engineer	52	\$99,154	\$63,000 - \$135,000
Systems Engineer/Analyst	1	*	*
Technology Analyst	7	\$77,857	\$60,000 - \$85,000
Technical Artist/Game Developer	5	\$83,600	\$48,000 - \$120,000
Program Manager	11	\$105,727	\$60,000 - \$120,000
Data Analyst/Administrator	4	\$94,750	\$70,000 - \$115,000
Management/Administration			
General Management	1	*	*
Marketing			
Sales/Sales Account Management	2	*	*
Scientific Research			
Biomedical	1	*	*

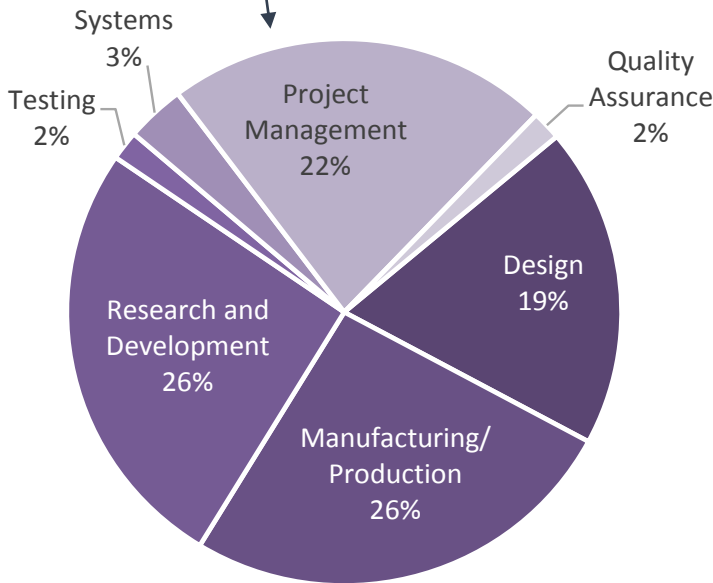
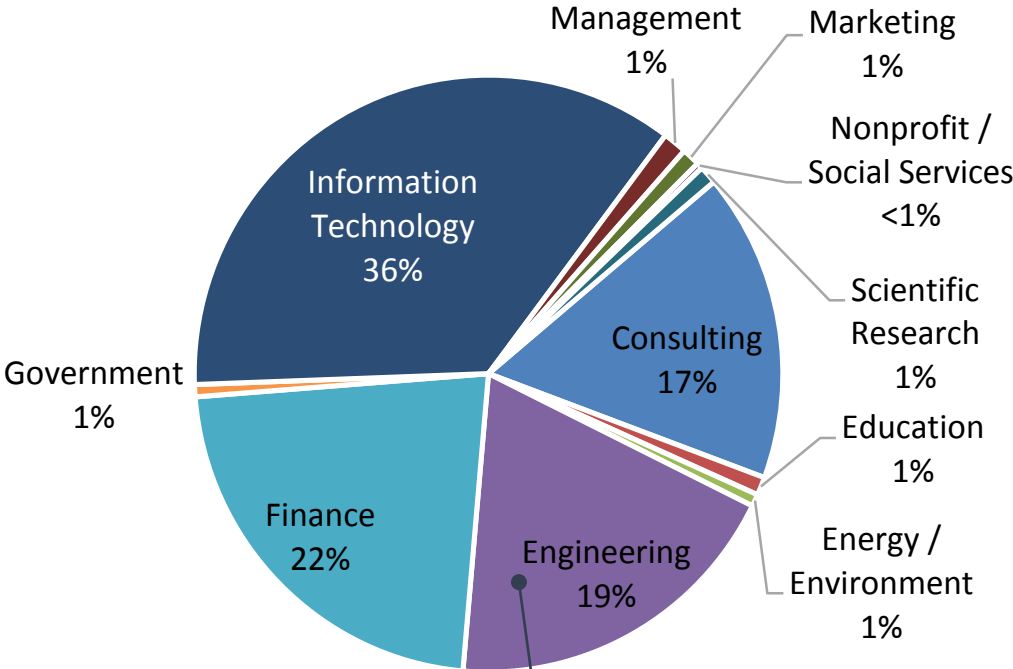
*Salary/Salaries not reported to maintain confidentiality, where there are three or fewer responses

Average Salary by Industry

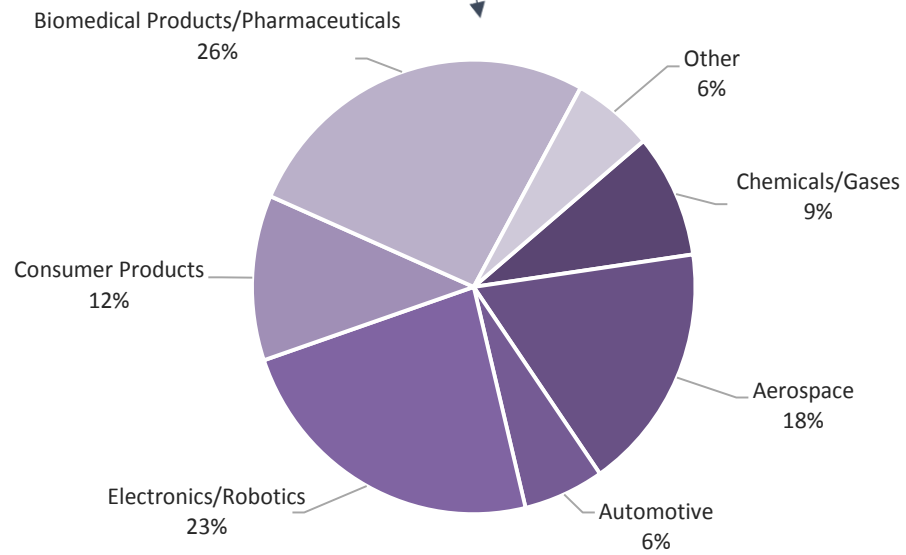
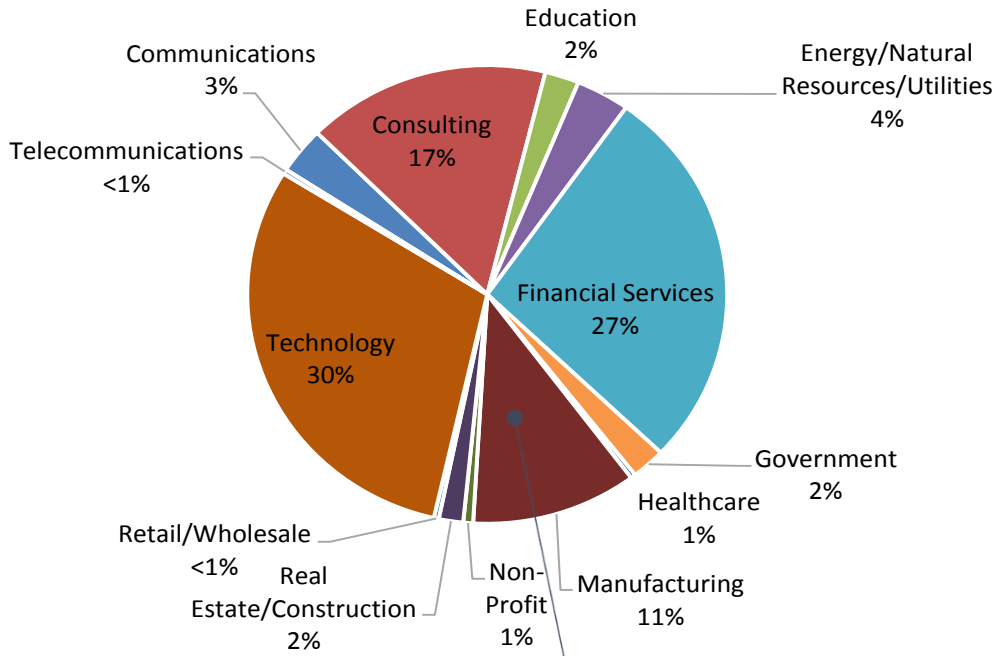
Industry	Surveys with Salaries	Average Salary	Range
Communications			
Media/Entertainment	7	\$75,286	\$48,000 - \$120,000
Consulting	45	\$71,667	\$40,000 - \$80,000
Education			
Elementary/Secondary Education	1	*	*
Research Labs/Centers - Higher Education	3	*	*
For Profit Education	1	*	*
Energy/Natural Resources/Utilities	7	\$83,143	\$60,000 - \$105,000
Financial Services			
Diversified Financial Services (including Co	2	*	*
Hedge Fund	5	\$107,000	\$90,000 - \$125,000
Investment Banking/Brokerage	49	\$84,082	\$65,000 - \$100,000
Investment Management/Counsel	7	\$71,429	\$70,000 - \$75,000
Private Equity	8	\$89,375	\$80,000 - \$125,000
Venture Capital	3	*	*
Government			
Federal Government	3	*	*
U.S. National Laboratories	2	*	*
Manufacturing			
Chemicals/Gases	3	*	*
Aerospace	5	\$73,000	\$67,000 - \$90,000
Automotive	1	*	*
Electronics/Robotics	5	\$81,350	\$62,000 - \$110,000
Consumer Products	1	*	*
Biomedical Products/Pharmaceuticals	7	\$49,857	\$36,000 - \$73,400
Other	1	*	*
Real Estate/Construction	4	\$65,000	\$60,000 - \$75,000
Retail/Wholesale	1	*	*
Technology	66	\$98,606	\$60,000 - \$135,000
Telecommunications	1	*	*

*Salary/Salaries not reported to maintain confidentiality, where there are three or fewer responses

All Employed Respondents by Job Type (with Engineering Breakdown)



All Employed Respondents by Industry (with Manufacturing Breakdown)



Employers Reported by Major

ENGINEERING SINGLE DEGREES

Applied Science-Biomedical Science

Alstom Power, Hartford, CT, Performance Engineer
The Sage Group, LLC, Los Angeles, CA, Financial Analyst

Applied Science-Computational Biology

Udacity, Mountain View, CA, Course Manager
Wayfair, Boston, MA, Software Engineer

Applied Science – Computer Science

50onRed, Philadelphia, PA, Product Engineer
Amazon, Seattle, WA, Software Engineer
Amazon Web Services, Palo Alto, CA, Software Developer
AQR Capital Management, Greenwich, CT,
BrightRoll, Palo Alto, CA, Software Engineer
Citigroup, New York, NY, Analyst
Dimagi, Cambridge, MA, Software Engineer
Facebook, Seattle, WA, Software Engineer
Goldman Sachs, New York, NY, Technology Analyst
Gumroad, San Francisco, CA, Software Developer
IBM, New York, NY, Software Designer
Spring, New York, NY, Software Engineer
Swift Capital, Conshohocken, PA, Software Developer
UBS, Hong Kong, Non-US, Quant Trader

Bioengineering

Accenture, Toronto, Non-US, Business and Systems Integration Analyst
AlphaImpactRx, Horsham, PA, Associate, Custom Research
Bain & Company, Boston, MA, Associate Consultant
BlackRock, New York, NY, Analyst
Campbell Alliance Health, New York, NY, Analyst
Clearguide Medical, Baltimore, MD, Regulatory Team Member
Deloitte, New York, NY, Business Technology Analyst
Epic Systems, Verona, WI, Technical Services
Epic Systems, Madison, WI, Technical Problem Solver / Technical Services
Goldman Sachs, New York, NY, Business Analyst
Gryphon Scientific, Takoma Park, MD, Research Assistant
ICON, PLC, North Wales, PA, Analyst
IMS Consulting Group, New York, NY, Analyst
IMS Consulting Group, San Francisco, CA, Analyst
IMS Consulting Group, New York, NY, Analyst
McKinsey & Company, Chicago, IL, Business Analyst
McMaster-Carr, Chicago, IL, Manager
Morgan Stanley, New York, NY, Analyst
National Institutes of Health, Washington, DC, IRTA Postbac Fellow
Ortho Clinical Diagnostics, Rochester, NY, Scientist I
Osiris, Columbia, MD, Research Associate
PricewaterhouseCoopers, London, Non-US, Associate
Trifacta, San Francisco, CA, Software Engineer
United States Patent and Trademark Office, Alexandria, VA, Mechanical Engineering Patent Examiner
University of Pennsylvania, Philadelphia, PA, Research Specialist A
University of Pennsylvania, Philadelphia, PA, Research Specialist A
University of Pennsylvania, Philadelphia, PA, Researcher
Valtronics, Solon, OH, Project Engineer

Chemical and Biomolecular Engineering

Anheuser Busch InBev, Location Not Provided, Global Management Trainee
Bates White, Washington, DC, Consultant
BlackRock, New York, NY, Portfolio Analytics Analyst
Chevron Oronite, Richmond, CA, Oronite Development Program Engineer
Citigroup, New York, NY, Sales and Trading Analyst
DOW Chemical Company, Newark, DE, Production Engineer
Ernst & Young, New York, NY, Advisory Staff
Evonik, Parsippany, NJ, Engineer
Evonik, Calvert City, KY, Intern
ExxonMobil, Houston, TX, Reservoir Engineer
GCA Savvian, New York, NY, Analyst
GlobalFoundries, Malta, NY, Process Engineer
Honeywell, Richmond, VA, Engineering Development Program
Oliver Wyman, Washington, DC, First Year Consultant
PowerAdvocate, Boston, MA, Associate Consultant
Schlumberger, Location Not Provided, Field Engineer
Schlumberger, Houston, TX, Field Engineer
SolarCity, Location Not Provided, PV Design
Trinity Partners, Boston, MA,
Westward Pharmaceuticals, Cherry Hill, NJ, Associate Scientist

Computer Engineering

Amazon, Palo Alto, CA, Software Development Engineer
Glocom, Inc., Gaithersburg, MD, Embedded Software Engineer
Microsoft, Seattle, WA, Program Manager
Synapse Product Development, Seattle, WA, Firmware Engineer

Computer Science

Accenture, Miami, FL, Digital Delivery Analyst
Amazon, Seattle, WA,
Amazon, Seattle, WA, Software Development Engineer
Amazon, Seattle, WA, Software Development Engineer
Dataminr, New York, NY, Software Engineer - Data
Dropbox, San Francisco, CA, Software Engineer
Facebook, Menlo Park, CA, Product Manager
Facebook, Seattle, WA, Software Developer Engineer
Facebook, Menlo Park, CA, Software Engineer
Facebook, London, Non-US, Software Engineer
Flatiron Health, New York, NY, Software Engineer
Gencore Systems, Philadelphia, PA, Software Engineer
Global Technology Partners, Ltd., Tulsa, OK, Software Engineer
Goldman Sachs, Jersey City, NJ, Technology Analyst
Google, Seattle, WA, Software Engineer
Google, Location Not Provided, Software Engineer
J.P. Morgan Chase, New York, NY, Application Developer
LinkedIn, San Francisco, CA, Associate Product Manager
Luxury Brand Partners, Miami, FL, Business Intelligence Analyst
McKinsey & Company, Philadelphia, PA, Business Analyst
Microsoft, Seattle, WA, Program Manager
Microsoft, Redmond, WA, Software Engineer
Microsoft, Seattle, WA, Software Development Engineer
Morgan Stanley, New York, NY, Business Analyst
Palantir Technologies, Palo Alto, CA, Product Quality Engineer
Pinterest, San Francisco, CA, Software Engineer
Pinterest, San Francisco, CA, Software Engineer
Qualia Labs, San Francisco, CA, Software Engineer
Sochat, San Francisco, CA, Software Engineer
Spot Trading LLC, Chicago, IL, STP Software Developer Trainee

Computer Science Continued

Square, Inc., San Francisco, CA, Software Engineer
The Blackstone Group, New York, NY, Software Developer
The Blackstone Group, New York, NY, Software Engineer
The New York Times, New York, NY, Software Engineer
Twitch.tv, San Francisco, CA, Software Engineer
Vessel, Inc., San Francisco, CA, Software Engineer
Yahoo!, San Francisco, CA, Software Engineer
ZocDoc, Philadelphia, PA, Software Engineer

Digital Media Design

Amazon, Seattle, WA, Software Development Engineer
athenahealth, Watertown, MA, Software Developer
Blue Sky Studios, Greenwich, CT, Junior Render TA
Disney Research, Los Angeles, CA, Research Assistant
Facebook, Location Not Provided, Front End Engineer
Facebook, Location & Title Not Provided
Gannett, Location Not Provided, Product Consultant
Gemini Systems, New York, NY, IT Consultant
Goldman Sachs, New York, NY, Technology Analyst
Google, San Bruno, CA, Software Engineer
JoJoJangles Games, Philadelphia, PA, Founder, Game Developer
Local Motion Inc., San Mateo, CA, Junior Software Engineer
Mindspark Interactive Network, Inc., New York, NY, Software Engineer
Riot Games, Los Angeles, CA, Associate Technical Game Designer
Zynga, San Francisco, CA, Software Engineer
Zynga, San Francisco, CA, Software Engineer

Electrical Engineering

Accenture, Chicago, IL, Digital Systems Integration Analyst
Microsoft, Bellevue, WA, Program Manager
Nananke, Location Not Provided, CEO
Northrop Grumman, Los Angeles, CA, Engineer
Royal Bank of Canada, New York, NY, Analyst

Materials Science and Engineering

Alcoa, Dover, NJ, Quality/Process Engineer
Ampush Media, New York, NY, Media Analyst
ExxonMobil, Houston, TX, Materials Engineer
Facebook, Menlo Park, CA, Client Solutions Manager
MaxLite, West Caldwell, NJ, Management Associate
New Sanctuary Movement of Philadelphia, Philadelphia, PA, Intern
The Boeing Company, St. Louis, MO, MP&P Engineer 2
U.S. Navy, Location Not Provided, Ensign

Mechanical Engineering and Applied Mechanics

Bank of America Merrill Lynch, New York, NY, Analyst
BlackRock, New York, NY, Client Services Analyst
Comcast/NBCUniversal, Orlando, FL, Associate Engineer
comScore, Reston, VA, Product Manager
Deloitte, New York, NY, Business Technology Analyst
Ekso Bionics, Richmond, CA, Mechanical Engineering Intern
Epic Systems, Verona, WI, Technical Services
ExxonMobil, Houston, TX, Regional Performance Analyst
Google, New York, NY, Software Engineer
Holtec International, Marlton, NJ, Adjunct Project Manager
LeukoDx, Jerusalem, Non-US, Mechanical Engineer
Mindtribe Product Engineering, San Francisco, CA, Associate Engineer
NASA Jet Propulsion Laboratory, Pasadena, CA, Robotics Software Engineer

Mechanical Engineering and Applied Mechanics Continued

NAVAIR, Patuxent River, MD, Mechanical Engineer
Northrop Grumman, Palmdale, CA, Manufacturing Engineer 1
NRG Energy, Princeton, NJ, Business Rotational Analyst
President's Engagement Prize, Location Not Provided, Co-founder
President's Engagement Prize, Philadelphia, PA, Co-founder
Rocky Mountain Biological Laboratory, Crested Butte, CO, Environmental Educator
Space Exploration Technologies, Vandenberg AFB, CA, Avionics Integration Engineer
STV Inc, New York, NY, Engineering Analyst
Tesla Motors, Fremont, CA, Associate Powertrain Engineer
The Smilist, NY, Business Analyst
United Technologies Aerospace Systems, Hartford, CT, Project Engineer
University of Pennsylvania, Philadelphia, PA, Research Associate
U.S. Army, Location Not Provided, 2nd Lieutenant, Military Intelligence
U.S. Navy, Port Hueneme, CA, Mechanical Engineer
Whiting Turner Contracting Company, Location & Title Not Provided

Networked and Social Systems Engineering

Applied Predictive Technologies, San Francisco, CA, Business Consultant
Citadel LLC, Chicago, IL, Financial Technology Associate
Credit Suisse, San Francisco, CA, Analyst
Flatiron Health, New York, NY, Software Engineer
Igneous Systems, Seattle, WA, Member Technical Staff
LeapYear, San Francisco, CA, CEO
Microsoft, Mountain View, CA, Product Manager
Shape Security, Mountain View, CA, Software Engineer
Strategy&, New York, NY, Consultant

Systems Engineering

Accenture, Boston, MA, Digital Delivery Analyst
Appboy, New York, NY, Customer Success Manager
Bain & Company, Washington, DC, Associate Consultant
Ballast Point Brewing & Spirits, San Diego, CA, Process Engineer
Blackrock, New York, NY, Analyst
CBRE, New York, NY, Financial Analyst
Deloitte, New York, NY, Business Technology Analyst
Excella Consulting, Arlington, VA, Business Intelligence Consultant
GCA Savvian, New York, NY, Analyst
Greentech Capital Advisors, New York, NY, Investment Banking Analyst
Haynes and Company, New York, NY, Tech Analyst
IBM, New York, NY, Consultant
Insight Venture Partners, New York, NY, Analyst
Intuit, Mountain View, CA, Product Manager
J.P. Morgan Chase, Los Angeles, CA, Private Banking Analyst
J.P. Morgan Chase, New York, NY, Analyst
J.P. Morgan Chase, Newark, DE, Business Analyst
Lazard Frères & Co, New York, NY, Investment Banking Analyst
McKinsey & Company, New York, NY, Business Analyst
Oliver Wyman, New York, NY, Consultant
PMC Property Group, Philadelphia, PA, Acquisitions Analyst
PricewaterhouseCoopers, New York, NY, Management Consultant Associate
Revelwood, Parsippany, NJ, Associate Consultant
Strategy&, New York, NY, Consultant
Tapad, New York, NY, Junior Yield Analyst

ENGINEERING DUAL DEGREES (BAS/BSE & MSE)

Applied Science – Computer Science

Morgan Stanley, Menlo Park, CA, Investment Banking Analyst

Bioengineering

Accenture, Philadelphia, PA, Technology Analyst
Accenture, Philadelphia, PA, Systems Integration Analyst
CBPartners, New York, NY, Analyst
MIT Lincoln Laboratory, Lexington, MA, Associate Staff
University of Pennsylvania, Philadelphia, PA, Research Engineer

Chemical and Biomolecular Engineering

Employer Name Not Provided, New York, NY, Quantitative Analyst

Computer Engineering

Epic Systems, Verona, WI, Technical Services
NetSuite, Denver, CO, Software Engineer
Palantir Technologies, Palo Alto, CA, Product Quality Engineer
Quora, Mountain View, CA, Software Engineer

Computer Science

Facebook, New York, NY, Software Engineer
Facebook, New York, NY, Software Engineer
Two Sigma Investments, New York, NY, Software Engineer

Digital Media Design

Google, Location Not Provided, Software Engineer
Google, Location Not Provided, Software Engineer
NewsCred, New York, NY, Full Stack Software Engineer
Walt Disney Company, Glendale, CA, Creative Technology Intern

Electrical Engineering

Avatech, Inc., Park City, UT, Senior Embedded Systems Intern
Lockheed Martin, Moorestown, NJ, Member Engineering Staff

Materials Science and Engineering

Accenture, New York, NY, Analyst
Teach For America, Chicago, IL, 2015 Corps Member
W.L. Gore & Associates, Newark, DE, New Product Development Engineer

Mechanical Engineering and Applied Mechanics

Amazon, Seattle, WA, Research Scientist
BioBots, Philadelphia, PA, Roboticist
Blue Danube Systems, Warren, NJ, Mechanical Engineer
Kiva Systems/Amazon Robotics, North Reading, MA, Hardware Engineer
Macron Dynamics Inc., Croydon, PA, Design Engineer
Tesla Motors, Fremont, CA, Associate Manufacturing Engineer

Systems Engineering

McKinsey & Company, Summit, NJ, Business Analyst

ENGINEERING & CAS

Applied Science – Computer Science

U.S. Navy, Location Not Provided, Ensign

Bioengineering

athenahealth, Watertown, MA, Software Developer

Chemical and Biomolecular Engineering

HJ Foundation, Miami, FL, Project Engineer

Computer Science

Google, San Bruno, CA, Software Engineer
Mercury Technologies Consulting, Philadelphia, PA, Software Engineer

Systems Engineering

Ellington Management Group, Greenwich, CT, Analyst
Epic Systems, Verona, WI, Integration Engineer

ENGINEERING & WH

Applied Science – Biomedical Science

Evercore, New York, NY, Investment Banking Analyst
HSBC, Hong Kong, Non-US, Investment Banking Analyst
Mondelez International, New York, NY, Brand Assistant

Applied Science – Computer Science

Accel Partners, Palo Alto, CA, Associate
Addepar, San Francisco, CA, Data Wrangler
Boston Consulting Group, Chicago, IL, Associate Consultant
Citigroup, New York, NY, Investment Banking Analyst
D.E. Shaw & Co., New York, NY, Analyst
Evercore, New York, NY, Analyst
Fahrenheit 212, New York, NY, Innovation Analyst
Goldman Sachs, New York, NY, Analyst
Goldman Sachs, London, Non-US, Analyst
Harvest Fund Advisors, Wayne, PA, Investment Analyst
J.P. Morgan Chase, San Francisco, CA, Investment Banking Analyst
Jane Street Capital, New York, NY, Trader
LinkedIn, Mountain View, CA, Associate Product Manager
Marathon Trading, New York, NY, Derivatives Trader
Marathon Trading, Radnor, PA, Assistant Trader
Microsoft, Redmond, WA, Program Manager
Moelis & Company, New York, NY, Analyst
Morgan Stanley, Menlo Park, CA, Analyst
Nest, Palo Alto, CA, Business Data Analyst
Raymond James, Boston, MA, Analyst
Siltstone Capital, Houston, TX, Investment Analyst
Silver Lake Partners, Menlo Park, CA, Analyst
Silver Point Capital, Greenwich, CT, Analyst
Stifel Financial Corp., New York, NY, Investment Banking Analyst

Bioengineering

Accenture, New York, NY, Analyst
AQR Capital Management, Greenwich, CT, Research Analyst
Bain & Company, San Francisco, CA, Associate Consultant
Citigroup, New York, NY, Analyst
Goldman Sachs, New York, NY, Analyst
Houlihan Lokey, Los Angeles, CA, Financial Analyst
Transcriptic, Inc., Menlo Park, CA, Strategic Business Analyst

Chemical and Biomolecular Engineering

McKinsey & Company, Houston, TX, Business Analyst

Computer Engineering

Intel Corporation, Santa Clara, CA, Software Engineer

Computer Science

Abaris, Philadelphia, PA, Co-Founder / Chief Technology Officer
Citigroup, New York, NY, Sales and Trading Analyst
Google, Mountain View, CA, Associate Product Manager
Google, Mountain View, CA, Software Engineer
J.P. Morgan Chase, New York, NY, Analyst
McKinsey & Company, New York, NY, Business Analyst
Microsoft, Bellevue, WA, Program Manager
Morgan Stanley, Menlo Park, CA, Analyst
Oliver Wyman, New York, NY, Consultant
The Blackstone Group, New York, NY, Developer
Workday, Pleasanton, CA, Associate Product Manager

Digital Media Design

Morgan Stanley, New York, NY, Analyst

Electrical Engineering

BlackRock, New York, NY, Analyst
Rothschild, New York, NY, Analyst
The Blackstone Group, New York, NY, Analyst

Materials Science and Engineering

Alliance Bernstein, New York, NY, Rotational Associate
Alvarez & Marsal, New York, NY, Analyst
Apollo Global Management, New York, NY, Analyst
Bessemer Venture Partners, Larchmont, NY, Analyst
Capital One, Washington, DC, Business Analyst
KKR, New York, NY, Analyst
Macquarie Group, New York, NY, Analyst
Morgan Stanley, New York, NY, Investment Banking Analyst
Morgan Stanley, New York, NY, Investment Banking Analyst

Mechanical Engineering and Applied Mechanics

Chevron, Houston, TX, Machinery Engineer
Guggenheim Partners, New York, NY, Analyst
Guggenheim Securities, New York, NY, Analyst

Systems Engineering

Analysis Group, Boston, MA, Analyst
ClearBridge Compensation Group, New York, NY, Management Consulting Analyst
Credit Suisse, New York, NY, Investment Banking Analyst
Evercore, New York, NY, Analyst
McKinsey & Company, Philadelphia, PA, Business Analyst
Morgan Stanley, Hong Kong, Non-US, Analyst
Morgan Stanley, Menlo Park, CA, Investment Banking Analyst
Morgan Stanley, Menlo Park, CA, Investment Banking Analyst

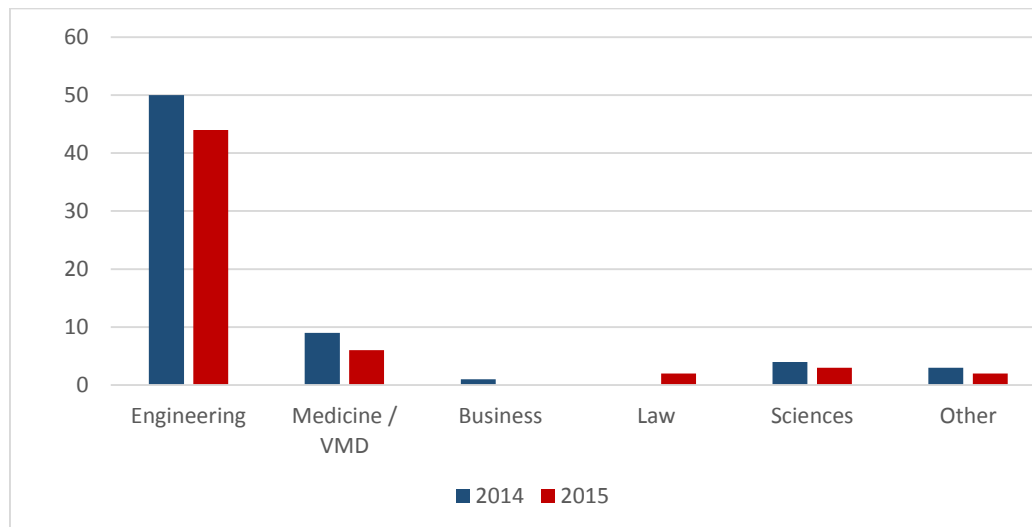
SECTION 3 - ANALYSIS OF GRADUATE STUDY RESPONDENTS*

Degrees Being Pursued

Undergraduate Major	Masters	PhD	MD	JD
AS – Computer & Cognitive Science	1			
AS – Computer Science		1		
Bioengineering	7	3	5	1
Chemical & Biomolecular Engineering	2	3	1	
Computer Science	3	3		
Electrical Engineering		4		1
Materials Science & Eng.	2	3		
Mechanical Eng. & Applied Mechanics	13	1		
Systems Science & Engineering	3			
Total	31	18	6	2

*By SEAS undergraduate major

Fields of Full-time Graduate Study



Graduate Schools Reported by Major

Graduate Schools to be Attended by Two or More Graduate Study Respondents



ENGINEERING SINGLE DEGREES

Applied Science – Computer and Cognitive Science

Brandeis University, Waltham, MA, MA, Computational Linguistics

Bioengineering

Harvard University, Cambridge, MA, JD, Technology & Intellectual Property Law

Thomas Jefferson University, Philadelphia, PA, MD, Medicine

University of Cincinnati, Cincinnati, OH, MD, Medicine

University of Pennsylvania, Philadelphia, PA, PhD, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Robotics

University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, MD, Medicine

University of Pittsburgh, Pittsburgh, PA, PhD, Regenerative Medicine

UT Southwestern, Dallas, TX, MD, Medicine

Yale University, New Haven, CT, MD, Medicine

Chemical and Biomolecular Engineering

Massachusetts Institute of Technology, Cambridge, MA, PhD, Chemical Engineering

Princeton University, Princeton, NJ, PhD, Chemical Engineering

University of Cambridge, Cambridge, England, Masters of Advanced Studies, Applications of Engineering

University of Delaware, Newark, DE, PhD, Chemical Engineering

University of Pennsylvania, Philadelphia, PA, MB, Biotechnology

University of Pennsylvania, Philadelphia, PA, MD, Medicine

Computer Science

Hong Kong University of Science & Technology, Hong Kong, MS, Economics

University of Illinois Urbana-Champaign, Champaign, IL, PhD, Computer Science

University of Illinois Urbana-Champaign, Champaign, IL, PhD, Computer Science

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

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

Electrical Engineering

Boston College Law School, Boston, MA, JD, Law

University of California – Berkeley, Berkeley, CA, PhD, Electrical & Electronics Engineering

University of California - Los Angeles, Los Angeles, CA, PhD, Electrical & Electronics Engineering

University of Pennsylvania, Philadelphia, PA, PhD, Electrical Engineering

Materials Science and Engineering

Columbia University, New York, NY, MS, Bioengineering

University of Cambridge, Cambridge, England, MRes+PhD, Nanoscience/Nanotechnology

University of Chicago, Chicago, IL, PhD, Molecular Engineering

University of Michigan, Ann Arbor, MI, PhD, Materials Science & Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Nanotechnology

Mechanical Engineering and Applied Mechanics

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics

University of Pennsylvania, Philadelphia, PA, MIPD, Integrated Product Design

University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Robotics

University of Pennsylvania, Philadelphia, PA, MSE, Robotics

Systems Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

ENGINEERING DUAL DEGREE (BAS/BSE & MSE)

Computer Science

University of California – Berkeley, Berkeley, CA, PhD, Computer Science

Mechanical Engineering and Applied Mechanics

University of California – Berkeley, Berkeley, CA, PhD, Robotics

ENGINEERING & CAS

Applied Science – Computer Science

Princeton University, Princeton, NJ, PhD, Neuroscience

Bioengineering

Georgia Institute of Technology, Atlanta, GA, PhD, Electrical Engineering

ENGINEERING & WH

Bioengineering

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

Electrical Engineering

University of California – Berkeley, Berkeley, CA, PhD, Electrical Engineering & Computer Science

Mechanical Engineering and Applied Mechanics

Stanford University, Palo Alto, CA, MSE, Mechanical Engineering