

## School of Engineering & Applied Science Summer Career Plans Survey - Class of 2011 Overview

Each year the Career Services office surveys the Penn Engineering students to gather information about their summer work experience. Students scheduled to graduate in December 2010, May and August 2011 are included in this analysis. Career Services contacted each student by email list-serve in August 2010 requesting that they complete the on-line survey. In October 2010, the Academic Programs Office of the School of Engineering and Applied Science sent the survey again to all applicable students. In December 2010 and February 2011, personalized emails were sent by Career Services to each student who had not yet responded. In addition, summer experiences were included from review of information reported in our online job applications systems, PennLink. Information was collected for **341** students of the **386** eligible in the Class of 2011. This combination of data resulted and **88.3%** response rate.

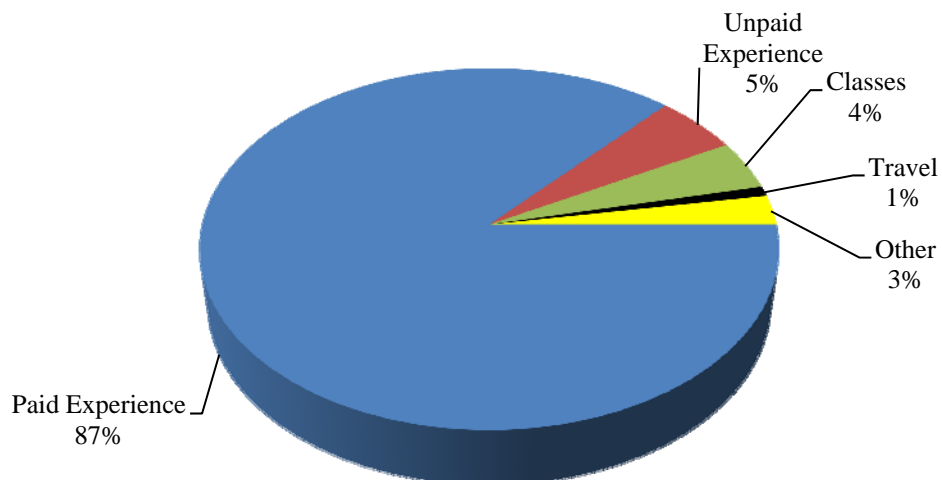
The top industry sectors in which students accepted internships included financial services, education and manufacturing. Within the manufacturing sector, the largest percentages of internships were in biomedical products, consumer products and pharmaceuticals. 20% of students accepted engineering jobs, and of that group 67% had positions in research and development. *This reflected a 1% increase over last year.* Of those students reporting the date they received the internship offer they accepted, 36.1% were committed to a position prior to March 2010 and by the end of May 2010, 96.3% had accepted a position. The overall average salary of the respondents who were employed full-time was \$3,544 per month (a 2% increase from the Class of 2010) and for those employed part-time it was \$1,142.

Prepared by:

Jamie Grant -  
Associate Director

March 2011

**Summer 2010 Primary Activity**



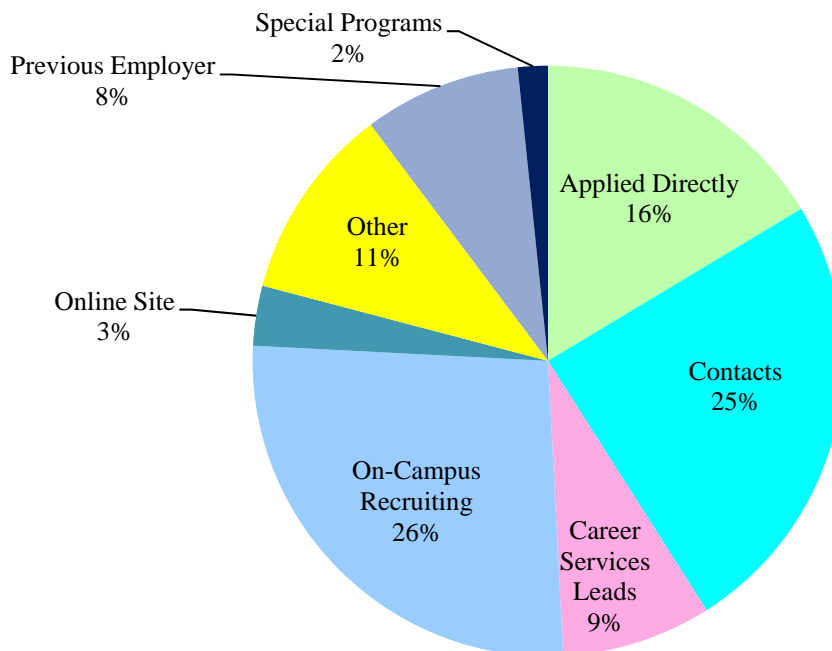
## SCHOOL OF ENGINEERING AND APPLIED SCIENCE SUMMER CAREER PLANS SURVEY – CLASS OF 2011

Total # of Students Responding to Survey: 341    88.3% of the Class			
<i>Full Time Employed</i>		<i>Part-Time Employed</i>	
Number of Respondents	243	Number of Respondents	29
<i>(Paid and Unpaid)</i>		<i>(Paid and Unpaid)</i>	
<b># Reporting Salary</b>	<b>188</b>	<b># Reporting Salary:</b>	<b>23</b>
Average Month Salary	\$3,544	Average Monthly Salary	\$1,143
Range: \$800 – 10,000		Range: \$600 – 1,920	

School	# of Respondents Reporting Salary	Average Monthly Salary Full-Time	Salary Range Full-time
<b>Engineering</b>	<b>117</b>	<b>\$2978</b>	<b>\$ 800 – 7,140</b>
<b>Engineering/Engineering</b>	<b>6</b>	<b>\$3,087</b>	<b>\$ 1,200 – 6,000</b>
<b>Engineering/College</b>	<b>12</b>	<b>\$3,536</b>	<b>\$ 1,000 – 5,800</b>
<b>Engineering/Wharton</b>	<b>53</b>	<b>\$4844</b>	<b>\$ 1,600 – 10,000</b>

### How Respondents Received Their Internships

*Includes all respondents*



## SALARIES BY MAJOR – Full-Time Employed with Salary Reported

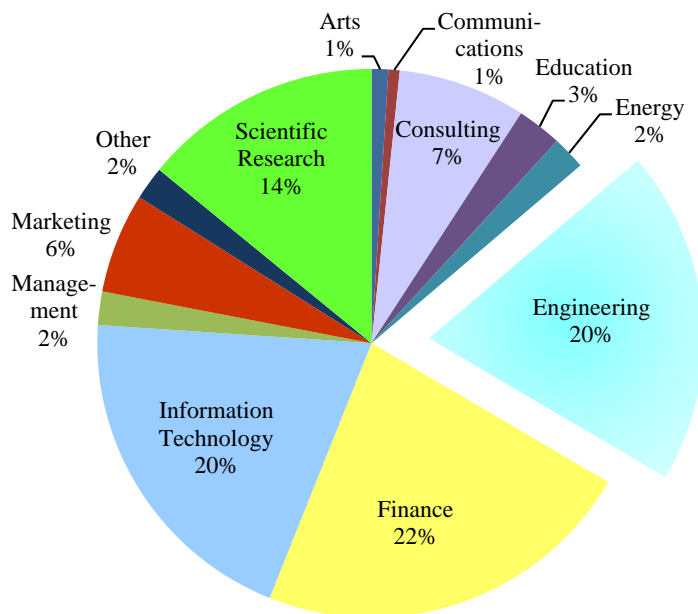
<u>MAJOR</u>	<u>#</u>	<u>AVERAGE MONTHLY</u>	<u>MONTHLY RANGE</u>
AS - Biomedical Science	8	\$4,700	\$2,400 – 6,000
AS - Computer & Cognitive Science	1	*	*
AS - Computer Science	19	\$4,892	\$1,820 – 8,000
AS – Individualized	3	\$3,507	\$2,320 – 5,800
Bioengineering	39	\$2,648	\$800 – 7,200
Chemical & Biomolecular Engineering	23	\$2,509	\$1,000 – 5,840
Computer Science	16	\$4,760	\$2,560 – 10,000
Computer Science & Engineering	2	\$4,154	*
Digital Media Design	8	\$3,511	\$1,200 – 5,400
Electrical Engineering	13	\$3,255	\$1,200 – 5,384
Materials Science & Engineering	11	\$3,315	\$1,200 – 6,000
Mechanical Engineering and Applied Mechanics	20	\$3,274	\$1,200 – 7,140
Systems Science & Engineering	27	\$3,940	\$800 – 8,000

\*Single salaries/ salary ranges of two respondents not reported.

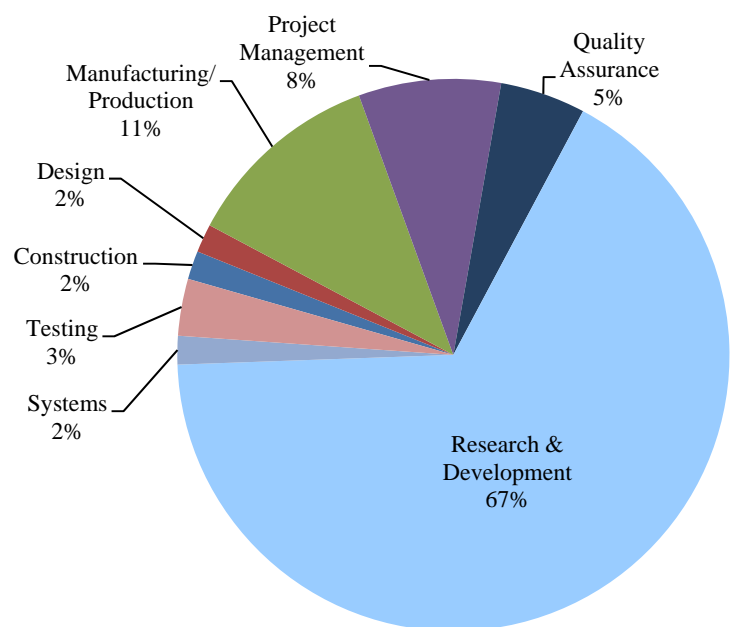
\*Salaries for dual engineering majors are included in the average salary for each major.

### Employed Respondents by Job Type Includes Respondents With & Without Salaries (with Engineering Breakdown)

*Employment by Job Type*



*Engineering Breakdown*



*Less than 1%: Economics, Government, Healthcare, Insurance, Social Services*

## Average Summer Salary by Job Type - Full-Time Employed/Salary Reported

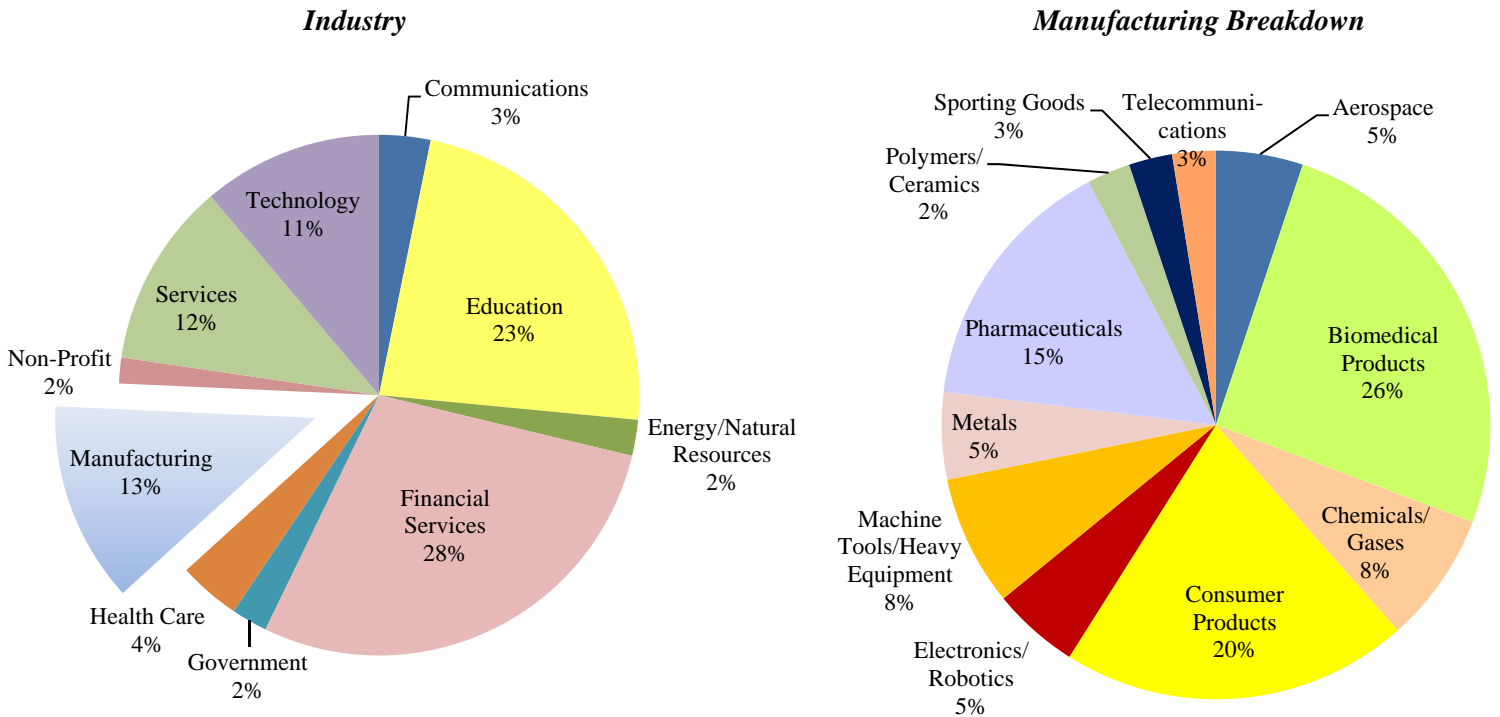
Job Type (Surveys with Salaries)	Average Monthly Salary	Monthly Range
<b>Arts</b>		
Graphics (2)	\$2,200	*
<b>Consulting</b>		
Research (2)	\$2,600	*
Management/Strategy (7)	\$3,580	\$1,200 – 5,320
<b>Education</b>		
Teaching (2)	\$1,960	*
Research (1)	*	*
<b>Energy</b>		
Management and Policy (1)	*	*
Research (1)	*	*
<b>Engineering</b>		
Manufacturing/Production (1)	*	*
Research & Development (25)	\$2,678	\$1,200 – 5,840
Testing (2)	\$4,000	*
Quality Assurance (3)	\$3,833	\$2,300 – 5,800
Systems (1)	*	*
Project Management (3)	\$3,560	\$2,080 – 6,000
<b>Finance</b>		
Financial Planning & Analysis (2)	\$4,375	*
Mergers & Acquisitions (6)	\$5,830	\$4,400 – 8,000
Private Equity/Venture Capital (2)	\$4,000	*
Securities Research Analyst (5)	\$5,314	\$4,800 – 6,000
Financial Analyst (Generalist) (17)	\$4,753	\$2,000 – 7,200
Trading (6)	\$5,730	\$4,800 – 8,000
Investment Management/Counsel (1)	*	*
Public Finance Analyst (1)	*	*
Capital/Money Markets Analyst (1)	*	*
Sales (2)	\$4,600	*
<b>Government</b>		
Military Officer (1)	*	*
<b>Information Systems</b>		
Applications Programming (2)	\$4,154	*
Software Design and Development (16)	\$4,116	\$1,760 – 6,400
Systems Analyst (2)	\$3,560	*
Technology Analyst (12)	\$5,020	\$1,520 – 10,000
Technical Artist/Game Developer (1)	*	*
Database Manager (2)	\$2,520	*
Program Manager (6)	\$5,216	\$4,700 – 5,800
<b>Insurance</b>		
Actuarial (1)	*	*
<b>Management</b>		
General Management (1)	*	*
Operations (1)	*	*

**Average Summer Salary by Job Type - Full-Time Employed/Salary Reported (Continued)**

<b>Job Type (Surveys with Salaries)</b>	<b>Average Monthly Salary</b>	<b>Monthly Range</b>
<b>Marketing</b>		
Product/Brand Development (2)	\$4,030	*
Sales/Sales Acct. Management (4)	\$2,910	\$2,400 – 3,200
Marketing Research (2)	\$1,900	*
New Business Development (3)	\$3,533	\$2,600 – 4,800
<b>Scientific Research</b>		
Biology/Biochemistry (4)	\$2,260	\$1,600 – 2,880
Chemistry (1)	*	*
Biomedical (25)	\$1,644	\$800 – 2,640
<b>Other</b>		
Other (2)	\$3,000	*

\*Single salaries/ salary ranges of two respondents not reported.

**Employed Respondents by Industry**  
*Includes both Full-time and Part-time Internships/Surveys With and Without Salaries*  
*(With Manufacturing Breakdown)*



**SALARIES BY INDUSTRY – Full-Time Employed/Salary Reported**

<b>INDUSTRY (Surveys with Salary)</b>	<b>AVERAGE MONTHLY</b>	<b>MONTHLY RANGE</b>
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**Communications**

Telecommunications (1)	*	*
Film (1)	*	*
Radio/TV/Cable (2)	\$2,000	*

**Education**

Higher Education (2)	\$1,760	*
Research Labs/Centers (37)	\$1,782	\$800 – 3,480

**Energy/Natural Resources**

Petroleum (4)	\$4,600	\$3,200 – 6,000
Energy Product (Non-Petroleum) (2)	\$2,800	*

**Financial Services**

Investment Banking (39)	\$5,402	\$2,000 – 10,000
Investment Management/Counsel (8)	\$4,348	\$2,400 – 6,000
Insurance (2)	\$4,700	*
Venture Capital/Private Equity (3)	\$4,667	\$4,000 – 6,000
Financial Services (7)	\$4,750	\$3,200 – 8,000

**Government**

Federal Government (2)	\$2,140	*
U.S. National Laboratories (1)	*	*
U.S. Military Service (2)	\$1,440	*

**Health Care**

Hospital (3)	\$2,190	\$1,280 – 1,600
Community/Public Health Center (1)	*	*

**Manufacturing**

Aerospace(1)	*	*
Electronics/Robotics (1)	*	*
Consumer Products (6)	\$3,487	\$1,200 – 5,840
Biomedical Products (7)	\$3,234	\$2,400 – 4,800
Pharmaceuticals (5)	\$2,908	\$2,240 – 3,920
Telecommunications (1)	*	*
Chemicals/Gases (1)	*	*
Machine Tools/Heavy Equipment (2)	\$2,820	
Polymers/Ceramics (1)	*	*

**Non-Profit**

Public Interest/Advocacy (3)	\$2,667	\$1,920 – 3,360
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**Services**

Construction(1)	*	*
Consulting (9)	\$3,896	\$1,000 – 6,000
Recreation/Sports (2)	\$3,000	*
Transportation (1)	*	*

**Technology**

Internet Services (3)	\$4,157	\$1,920 – 5,352
Online Information Provider (2)	\$4,600	*
Software Products (16)	\$4,410	\$1,200 – 7,140
Interactive Entertainment Software (3)	\$2,907	\$1,200 – 3,800

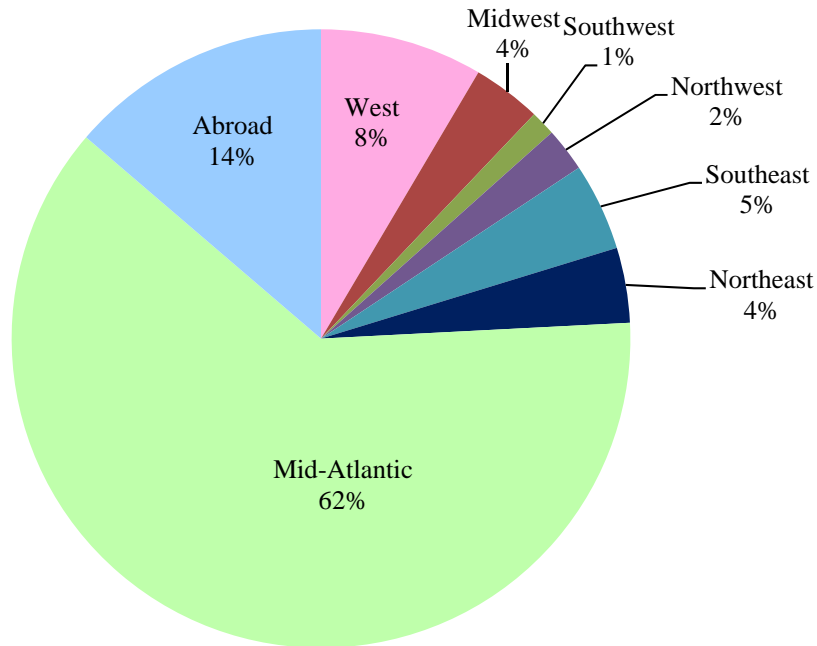
\*Single salaries/ salary ranges of two respondents not reported.

## LOCATION OF INTERNSHIP

*Includes all respondents*

### International Locations:

- Belgium (2)
- Germany (2)
- Guatemala (1)
- Hong Kong (4)
- India (13)
- Japan (1)
- Malaysia (1)
- Nigeria (1)
- People's Republic of China (4)
- Peru (1)
- Qatar (1)
- Saudi Arabia (1)
- Singapore (2)
- Spain (1)
- Taiwan (1)
- Turkey (2)
- United Kingdom (4)



## DATE RECEIVED OFFER

*Includes all respondents*

241 students reported the date they received the offer for the position they accepted.

Before September 2009	9.1%
September – December 2009	7.9%
January – February 2010	19.1%
March 2010	26.1%
April – May 2010	34.1%
June – July 2010	3.7%

## EMPLOYERS WITH MOST OFFERS ACCEPTED (Full- and Part-time Employment)

University of Pennsylvania	53	Applied Predictive Technologies	2
Goldman Sachs	9	Deloitte	2
Microsoft	9	Deutsche Bank	2
Citigroup	7	E.I. Dupont de Nemours & Co.	2
Bank of America/BOA Merrill Lynch	6	ExxonMobil	2
Barclays Capital	6	Ferranti Computer Systems N.V.	2
Children's Hospital of Philadelphia	6	Google	2
Credit Suisse	5	Highbridge Capital Management	2
Hospital of the University of Pennsylvania	4	Jefferies & Company, Inc.	2
U.S. Armed Forces	4	McKinsey & Company	2
UBS	4	NSF: REU Programs (CA & IL)	2
Electronic Arts	3	Procter & Gamble	2
J.P. Morgan	3	Schlumberger	2
Johnson & Johnson	3	Street Solutions, Inc.	2
Morgan Stanley	3	Wharton Small Business Dvlp. Center	2
University of Pennsylvania Health System	3	Wistar Institute	2

## **POSITIONS REPORTED BY MAJOR – All Respondents (Full-time, Part-time, Paid and Unpaid)**

### ***ENGINEERING DEGREE***

#### **Applied Science – Biomedical Science**

Academy of Natural Sciences, Philadelphia, PA: Volunteer Research Assistant  
AcuFocus, Inc., Irvine, CA: Intern  
AQR, Greenwich, CT: Analyst  
Barclays Capital, New York, NY: Summer Analyst  
Delcath Systems, Inc., New York, NY: Marketing Intern  
E. I. du Pont de Nemours and Company - Stine Haskell Labs., Wilmington, DE: Product Stewardship Intern  
Goldman Sachs, New York, NY: Summer Analyst  
J.P. Morgan, New York, NY: Investment Banking Summer Analyst  
Morgan Stanley, New York, NY: Investment Banking Intern  
The Blackstone Group, New York, NY: Summer Analyst  
The Carredon Group, Inc., New York, NY: Summer Analyst  
Union Square Advisors, San Francisco, CA: Summer Analyst

#### **Applied Science - Computer and Cognitive Science**

Bank of America, Charlotte, NC: Software Developer  
Esskay Developers, Mumbai, India: Title Not Provided  
Lyme Disease Research Foundation of Maryland, Baltimore, MD: Research Assistant

#### **Applied Science – Computer Science**

AXA Equitable, Location Not Provided: Summer Intern  
Bank of America Merrill Lynch, New York, NY: Summer Analyst  
buzzd, New York, NY: Business Development and Marketing Intern  
Chef's American Bistro, California, MD: Server  
Cosmic Toast Studios, Burbank, CA: Animation Intern  
Credit Suisse, New York, NY: Summer Analyst  
Deloitte LLP, New York, NY: Summer HR Service Delivery Scholar  
Goldman Sachs, New York, NY: Summer Analyst  
Goldman Sachs, New York, NY: Summer Technology Analyst  
Google, Mountain View, CA: Associate Product Manager - Android  
Hamilton Lane Advisors, LLC, Hong Kong: Intern  
Jane Street Capital, New York, NY: Intern  
JWT India, Kolkata, India: Account Services Intern  
Kraft Foods, Tarrytown, NY: Summer Associate Brand Manager  
Maruti Suzuki India Ltd. Dealership, Lucknow, India: Project Manager  
McKinsey & Company, Hong Kong: Summer Business Associate  
Microsoft, Redmond, WA: Program Manager Intern  
Microsoft, Mountain View, CA: Program Manager  
Microsoft, Redmond, WA: Associate Product Manager Intern  
Microsoft, Redmond, WA: Associate Product Manager  
Morgan Stanley, New York, NY: Summer Analyst  
Oliver Wyman, Boston, MA: Summer Analyst  
PopCap Games Shanghai, Shanghai, China: Product Research Intern (for social networking games)  
Rare Enterprises, Mumbai, India: Summer Analyst  
Sawaya Segalas, New York, NY: Summer Analyst  
Susquehanna International Group, Philadelphia, PA: Assistant Trader Intern  
Syllendar Corporation (Start-Up), Location Not Provided: Founder  
The Sage Group, LLC, Los Angeles, CA: Summer Intern  
University of Pennsylvania - Bioengineering, Philadelphia, PA: Computational Neuroscience Summer Student  
University of Pennsylvania - Computer and Information Sci., Philadelphia, PA: Undergraduate Researcher  
University of Pennsylvania - Computer and Information Sci., Philadelphia, PA: Student Researcher

## **Applied Science – Computer Science & Mathematics**

Goldman Sachs, New York, NY: Summer Analyst, Technology

## **Applied Science – Individualized Major**

J.P. Morgan, New York, NY: Investment Banking Summer Analyst, Public Finance/ Infrastructure Advisory

NSF, Philadelphia, PA: Passenger Intelligent Information Systems

University of Pennsylvania -School of Medicine, Philadelphia, PA: Research Specialist, Cardiology

## **Bioengineering**

Aberdeen Asset Management, Philadelphia, PA: US Equities Intern

Burdick Polymeric Biomaterials Laboratory, Philadelphia, PA: Undergraduate Researcher

Capital One, Richmond, VA: Business Analyst

Children's Hospital of Philadelphia, Philadelphia, PA: Research Intern, Allergy and Immunology

Children's Hospital of Philadelphia, Philadelphia, PA: Hematology Researcher

Children's Hospital of Philadelphia, Philadelphia, PA: Research Assistant

Children's Hospital of Philadelphia, Philadelphia, PA: Research Assistant, General Pediatrics

Columbus School for Girls, Columbus, OH: Business and Development Office Intern

Credit Suisse, Singapore: Summer Analyst

Decision Strategies International, Inc., Conshohocken, PA: Intern

E. I. du Pont de Nemours and Company - DuPont Qualicon, Istanbul, Turkey: Sales Intern

eTelic, Richmond, VA: Senior Engineer

Fair Observer (Media Production Startup), Philadelphia, PA: Consultant

Goldman Sachs, New York, NY: Summer Analyst

Guatemala Health Initiative, Santiago Atitlan, Guatemala: Position Not Provided

Highlander Bar and Grill, San Antonio, TX: Waitress

Hospital of the University of Pennsylvania, Philadelphia, PA: Lab Assistant, Neurosurgery

Hospital of the University of Pennsylvania, Philadelphia, PA: Research Assistant - Renal

ImClone Systems, Branchburg, NJ: Intern

Merck & Co., Inc., Summit, NJ: Infrastructure Management Intern

National Institutes of Health, Bethesda, MD: Intern

ParagonRx, Wilmington, DE: Summer Intern

Prairie States Enterprises, Inc., Chicago, IL: Management and Marketing Analyst Intern

Procter & Gamble, Cincinnati, OH: Baby Care R&D Summer Intern

Regeneron Pharmaceuticals, Inc., Tarrytown, NY: Intern

Research Internships in Science and Engineering (RISE), Bochum, Germany: Research Intern

Sanford C. Bernstein, New York, NY: Junior Research Associate

SeventySix Capital, Philadelphia, PA: Intern

SinuSys, Inc., Palo Alto, CA: Associate, Finance & Business Development

Stamford Yacht Club, Stamford, CT: Aquatics Director

Taiwan Land Development Corporation, Taipei, Taiwan: Summer Consulting Analyst

TMJ Concepts, Ventura, CA: Operations Intern

The Feinstein Institute for Medical Research, Manhasset, NY: Summer Aide

University of Pennsylvania Health System - Institute for Medicine and Engineering, Philadelphia, PA: Researcher

University of Pennsylvania - Bioengineering, Philadelphia, PA: Research Assistant

University of Pennsylvania - Bioengineering, Philadelphia, PA: Research Assistant

University of Pennsylvania - Bioengineering, Philadelphia, PA: Undergraduate Researcher, Molecular Engineering

University of Pennsylvania - Conference Services, Philadelphia, PA: Position Not Provided

University of Pennsylvania Health System, Philadelphia, PA: Research Assistant

University of Pennsylvania - School of Medicine, Philadelphia, PA: Lab Intern - Cell and Developmental Biology

University of Pennsylvania - School of Medicine, Philadelphia, PA: Research Associate - Infectious Diseases

University of Pennsylvania - School of Medicine, Philadelphia, PA: Lab Assistant - McKay Orthopedic Research Laboratory

University of Pennsylvania - School of Medicine, Philadelphia, PA: Research Assistant - McKay Orthopedic Research Laboratory

University of Pennsylvania - School of Medicine, Philadelphia, PA: Research Assistant

University of Pennsylvania - School of Medicine, Philadelphia, PA: Research Assistant

Wharton Small Business Development Center, Philadelphia, PA: Business Research Analyst

Wistar Institute, Philadelphia, PA: Researcher

Wistar Institute, Philadelphia, PA: Research Assistant

**Bioengineering & Bioengineering (MSE)**

BioLumina, New York, NY: Copy Summer Intern

BlackRock, New York, NY: Intern

Hospital of the University of Pennsylvania, Philadelphia, PA: Research Assistant, Orthopedic Surgery

Hydros Bottle, Philadelphia, PA: R&D Associate

L'Oreal USA, Clark, NJ: R&D Skin Care Intern, Cosmetic Actives Division

University of Pennsylvania Health System - Institute for Medicine and Engineering, Philadelphia, PA: Research Assistant

**Bioengineering & Biochemistry & Bioengineering (MSE)**

Kinetic Concepts Inc., Philadelphia, PA: Summer Research Intern, Advanced Research and Technologies

**Bioengineering & Electrical Engineering**

Children's Hospital of Philadelphia - Research Institute, Philadelphia, PA: Research Intern – Center for Biomedical Informatics

**Bioengineering & Electrical Engineering & Bioengineering (MSE)**

University of Pennsylvania - School of Med., Philadelphia, PA: Research Asst., Inst. for Diabetes, Obesity & Metabolism (IDOM)

**Bioengineering & Materials Science and Engineering & Bioengineering (MSE)**

University of Pennsylvania – Bioengineering, Philadelphia, PA: Researcher

**Bioengineering & Nanotechnology (MSE)**

University of Pennsylvania - Biochemistry and Biophysics, Philadelphia, PA: Research Assistant

**Chemical and Biomolecular Engineering**

AECOM, New York, NY: Energy Engineering Intern

American Society for Cell Biology, Bethesda, MD: Independent Consultant

Bank of America Merrill Lynch, New York, NY: Summer Analyst, Equity Research

Cedar Pharmaceuticals, Shreveport, LA: Independent Research Contractor

Chemtura Corporation, Middlebury, CT: Intern, Research and Development

Children's Hospital of Philadelphia, Philadelphia, PA: Lab Researcher

Covidien, Saint Louis, MO: Summer Pharmaceutical Research & Development Intern

Dow Corning, Midland, MI: Process Engineering Intern

DRW Trading Group, Chicago, IL: Intern

General Mills Inc., Bentonville, AK: Business Management Associate Intern

Goldman Sachs, Hong Kong: Summer Analyst, Investment Banking

Humboldt State University (CSU), Arcata, CA: REU: Undergraduate Researcher, Environmental Resources Engineering

Johnson & Johnson, Skillman, NJ: R&D Intern

Johnson & Johnson, Spring House, PA: Alliance Integration Intern

Procter & Gamble, Cincinnati, OH: Position Not Provided

SAFT America, Inc., Cockeysville, MD: Intern, R&D and Advanced Engineering

Schlumberger, Sugar Land, TX: Field Engineer Intern

Schlumberger, Sugar Land, TX: Field Engineer Intern, Wireline

Shanghai Zhongshan Hospital, Shanghai, China: Assistant, Outpatient Department

Start-up (Not Yet Named), New York, NY: Analyst, Partner

U.S. Fuel Cell Council, Washington, DC: Summer Intern

University of Illinois at Chicago, Chicago, IL: Undergraduate Researcher- REU, Dept of Mechanical & Industrial Engineering

University of Pennsylvania, Philadelphia, PA: Research Assistant

University of Pennsylvania - Bioengineering, Philadelphia, PA: Lab Assistant

University of Pennsylvania - Chemical and Biomolecular Engineering, Philadelphia, PA: Undergraduate Assistant

University of Pennsylvania - Chemistry, Philadelphia, PA: Undergraduate Researcher

University of Pennsylvania - Institute for Regenerative Medicine, Philadelphia, PA: Research Fellow-Cell & Developmental Bio.

University of Pennsylvania - Pathology and Laboratory Medicine, Philadelphia, PA: Lab Technician

University of Pennsylvania - School of Medicine - Hematology/Oncology, Philadelphia, PA: Undergraduate Researcher

University of Pennsylvania - School of Medicine – Department of Pathology, Philadelphia, PA: Research Assistant

University of Pennsylvania - Solid Oxide Fuel Cell Lab (CBE), Philadelphia, PA: Research Assistant

University of Pennsylvania - Solid-Oxide Fuel Cell Lab (CBE), Philadelphia, PA Laboratory Research Assistant

Vodafone, Doha, Qatar: Marketing and Supply Chain

## **Computer Science**

Applied Predictive Technologies, Washington, DC: Software Engineer Intern  
Barclays Capital, New York, NY: Summer Analyst, Technology  
Barclays Capital, New York, NY: Summer Analyst, Technology  
Boston Consulting Group, San Francisco, CA: Summer Associate  
Citigroup, New York, NY: Summer Technology Analyst, Institutional Clients Group  
Comcast, Colorado Springs, CO: Software Developer Intern, Customer Operations  
comScore, Inc., Reston, VA: Intern - Software Engineering, Software Engineering Group  
Electronic Arts, Orlando, FL: Software Engineering Intern, Central Technology Group  
Endo Pharmaceuticals Inc., Chadds Ford, PA: IS Intern, Information Management  
Highbridge Capital Management, New York, NY: Software Engineer Intern  
Microsoft, Redmond, WA: Program Manager, Windows User Experience  
Microsoft, Seattle, WA: Program Manager Intern, Windows  
Noblis, Falls Church, VA: Software Developer, Transportation  
Rapleaf, Inc., San Francisco, CA: Summer Intern  
Two Sigma Investments, New York, NY: Software Engineering Intern  
University of Pennsylvania - Computer and Information Science, Philadelphia, PA: Undergraduate Researcher  
University of Pennsylvania, Philadelphia, PA: Research Assistant, Emerging Markets  
University of Pennsylvania - The Wharton School, Real Estate Department, Philadelphia, PA: Research Assistant

## **Computer Science & Computer Graphics and Game Technology (MSE)**

WHEA, Philadelphia, PA: IT Support Assistant

## **Computer Science & Mathematics & Mathematics (MA)**

Highbridge Capital Management, New York, NY: Software Development Intern, Technology

## **Computer Science & Mechanical Engineering and Applied Mechanics**

Cobham, San Diego, CA: Software Engineer

## **Computer Science and Engineering**

Citigroup, New York, NY: Summer Analyst (Sales, Trading & Quant Analysis), Markets Quantitative Analysis Division  
VA Medical Center Boston, Boston, MA: Intern

## **Computer Science and Engineering & Computer and Information Science (MSE)**

Microsoft, Location Not Provided: SDE Intern, "Search" Group

## **Computer Science and Engineering & Mathematics & Mathematics (MA)**

Citadel Investment Group, Chicago, IL: FTAP Intern

## **Digital Media Design**

Electronic Arts, Redwood City, CA: Product Manager Intern, EA2D/Playfish  
Google, Mountain View, CA: Software Engineering Intern, Chrome  
Hospital of the University of Pennsylvania, Philadelphia, PA: Student Researcher, Brain and Behavioral Labs  
Johns Hopkins Center for Language and Speech Processing, Baltimore, MD: Undergraduate Researcher  
Microsoft, Redmond, WA: Program Manager Intern, Windows  
MindSnacks, Philadelphia, PA: Head Designer  
Pixar Animation Studios, Emeryville, CA: Technical Director Intern, Global Technology  
Telefonica I+D, Madrid, Spain: UX Intern, User Experience  
Tembo Studios, Philadelphia, PA: Designer/Developer  
Thomson Reuters, New York, NY: Animation Intern, Video  
University of Pennsylvania - SIG Center for Computer Graphics, Philadelphia, PA: Software Developer

## **Digital Media Design & Computer Graphics and Game Technology (MSE)**

Electronic Arts, Redwood Shores, CA: Software Engineering Intern, EA2D

## **Electrical Engineering**

Citigroup, New York, NY: Summer Analyst, Quantitative Trading and Analysis  
Credit Suisse, New York, NY: Business Analyst, Investment Banking IT  
Goldman Sachs, New York, NY: Intern, Technology  
Novantas, New York, NY: Summer Associate

**Electrical Engineering (continued)**

United States Air Force, Hanscom AFB, MA: Electronics Engineer Intern  
United States Air Force, Warner Robins, GA: Electrical Engineer, Electronic Warfare  
University of Maryland, College Park, MD: Summer Staff, Electrical and Computer Engineering  
University of Pennsylvania - Biology & Multimedia Svcs., Philadelphia, PA: IT Technical  
University of Pennsylvania - Electrical and Systems Engineering, Philadelphia, PA: Teaching Assistant  
University of Pennsylvania - Fields and Waves Lab, Philadelphia, PA: Research Assistant, Electrical and Systems Engineering  
University of Pennsylvania - KodLab, Philadelphia, PA: Research Assistant  
University of Pennsylvania - SAS Computing, Philadelphia, PA: Information Security & Unix Systems  
University of Southern California - Viterbi School of Engineering, Los Angeles, CA: Intern, Viterbi Summer Internship Program

**Electrical Engineering & Computer Science**

University of Pennsylvania - Electrical and Systems Engineering, Philadelphia, PA: Research Assistant

**Electrical Engineering & Computer Science & Robotics (MSE)**

Mimanzana, Lima, Peru: Web Programmer

**Electrical Engineering & Electrical Engineering (MSE)**

MIT Lincoln Laboratory, Lexington, MA: Summer Research Student  
Pulsar Informatics, Philadelphia, PA: Junior Engineer  
TTC, Newtown, PA: Intern  
University of Maryland, College Park, MD: Summer Staff, Electrical and Computer Engineering  
University of Pennsylvania - Electrical and Systems Engineering, Philadelphia, PA: Teaching Assistant  
University of Pennsylvania - Technical Communication Program, Philadelphia, PA: Technical Communication Fellow

**Materials Science and Engineering**

Bank of America Merrill Lynch, Tokyo, Japan: Summer Analyst, Global Corporate and Investment Banking  
Ferranti Computer Systems N.V., Antwerp, Belgium, Internal Consultant  
J.P. Morgan Cazenove, London, U.K.: Investment Banking Summer Work Experience Intern, Telecoms, Media and Tech Group  
JDSU, San Jose, CA: Failure Analysis Engineer, Reliability Group  
Jefferies & Company, Inc., New York, NY: Summer Analyst, Investment Banking  
Johnson & Johnson, Philadelphia, PA: Researcher  
Microsoft, Redmond, WA: Finance Rotation Program Intern  
Mondre Energy, Philadelphia, PA: Intern  
PChem Associates Inc., Bensalem, PA: Intern  
Rolls-Royce Naval Marine, Inc., Annapolis, MD: Proposals Intern, Syncrolift  
Samsung Telecommunications America, Richardson, TX: CPFR Intern, Wireless Terminal Sales - Bus. Planning  
ScienceFirst, LLC, Cedar Knolls, NJ: Research Associate  
Standard Chartered Bank, Mumbai, India: Summer Intern, Private Banking  
The Wharton School, University of Pennsylvania, Philadelphia, PA: SIRE Participant, Undergraduate Research  
UBS, Stamford, CT: Intern, Sales and Trading  
University of Pennsylvania - Mechanical Engineering and Applied Mechanics, Philadelphia, PA: Shop Teaching Assistant  
University of Pennsylvania - SEAS, Philadelphia, PA: Researcher, Materials Science & Engineering  
University of Pennsylvania - Winey Research Group, Philadelphia, PA: Research Assistant  
W.L. Gore & Associates, Elkton, MD: Title Not Provided, Fabrics  
Zais Group LLC, Red Bank, NJ: Analytics Intern

**Materials Science and Engineering & Materials Science and Engineering (MSE)**

ICICI Securities Limited, India: Private Equity Advising Intern, I-Sec Entrepreneur Group  
University of Pennsylvania - Kagan Research Group, Philadelphia, PA: Research Assistant

**Materials Science and Engineering & Mechanical Engineering and Applied Mechanics**

University of Pennsylvania - Mechanical Engineering and Applied Mechanics, Philadelphia, PA: Shop Teaching Assistant

**Mechanical Engineering and Applied Mechanics**

Acclarent, Menlo Park, CA: R&D Intern  
Applied Predictive Technologies, Arlington, VA: Business Consultant Intern  
Bechtel Corporation, London, U.K.: Construction Support  
Credit Suisse, New York, NY: Summer Analyst, Investment Banking Division  
Credit Suisse, New York, NY: Summer Analyst, Strategic Partners

**Mechanical Engineering and Applied Mechanics (continued)**

Deutsche Bank AG, Mumbai, India: Asia-Pacific Program Summer Analyst  
ExxonMobil, Fairfax, VA: Reliability and Maintenance Intern, Research and Engineering  
ExxonMobil, Fairfax, VA: Summer Intern, Refining and Supply  
Florida Atlantic Univ., College of Eng. & Comp.Sci., Dania Beach, FL: SeaTech-Institute for Ocean & Systems Engineering  
Grant Thornton, New Delhi, India: Intern, Strategic Business Services  
Industrial Steel and Wire, Inc., Bristol, CT: Mechanical Engineering Intern  
Jefferies & Company, Inc., Waltham, MA: Investment Banking Summer Analyst  
Laxcon Steels Ltd., Ahmedabad, India: Intern  
Loki Research, Philadelphia, PA: Student Engineer  
Mav6 LLC, Alexandria, VA: Engineering Intern  
McHugh Construction, Chicago, IL: Intern, Village Market Project  
Nomura, London, U.K.: Equities Analyst, Transition Management  
Pythagoras Solar, San Mateo, CA: Marketing Consultant Intern, Marketing & Business Development  
Rex Medical, LP, Conshohocken, PA: Engineering Intern  
Safe Transport Systems, Philadelphia, PA: Founder  
Tally Solutions Pvt. Ltd., Bangalore, India: Executive Director  
Thomas Publishing Company, New York, NY: Mechanical Engineering Intern, Web Solutions  
University of Pennsylvania - Carpick Research Group, Philadelphia, PA: Researcher  
University of Pennsylvania - Center for Technology Transfer, Philadelphia, PA: Intern  
University of Pennsylvania - MEAM, Philadelphia, PA: Research Asst., - Curriculum Development  
University of Pennsylvania - GRASP Lab/Haptics, Philadelphia, PA: Undergraduate Researcher  
University of Pennsylvania - ModLab, Philadelphia, PA: Researcher  
University of Pennsylvania – ModLab, Philadelphia, PA: Student Researcher  
University of Pennsylvania – School of Engineering and Applied Science, Philadelphia, PA: SAAST Teaching Assistant  
University of Pennsylvania - Thermo Photovoltaics, Philadelphia, PA: Research Assistant  
US Army TARDEC, Warren, MI: Engineering Aid  
Weir Specialty Pumps, Salt Lake City, UT: Engineering Intern  
Wharton Small Business Development Center, Philadelphia, PA: Position Not Provided  
WP Sailing Association, Sayville, NY: Sailing Instructor  
Yuba Bicycles, Sausalito, CA: Intern  
Zone Telecom, Cherry Hill, NJ: Summer Intern

**Mechanical Engineering and Applied Mechanics & Engineering Geology (MS-Applied Geoscience)**

Energy Coordinating Agency, Philadelphia, PA: Building Evaluator, Smart Energy Solutions

**Mechanical Engineering and Applied Mechanics & Mathematics**

Massachusetts Institute of Technology, Cambridge, MA: Summer Research Assistant, CSAIL - CompSci & AI Lab

**Mechanical Engineering and Applied Mechanics & Mechanical Engineering and Applied Mechanics (MSE)**

Bank Hapoalim B.M., New York, NY: Intern, Risk Management  
University of Pennsylvania - Mechanical Engineering and Applied Mechanics, Philadelphia, PA: Research in Robotics

**Mechanical Engineering and Applied Mechanics & Robotics (MSE)**

Range Resources Corporation, Pittsburgh, PA: Completions Engineering Intern

**Systems Science and Engineering**

Accenture, Philadelphia, PA: Intern  
Bain & Company, San Francisco, CA: Associate Consultant  
Bank of America Merrill Lynch, New York, NY: Summer Analyst  
Bank of America Merrill Lynch, New York, NY: Summer Intern, Sales & Trading  
Bank of China International, Shanghai, China: Summer Analyst, Investment Banking Division  
Bank of New York Mellon, New York, NY: Position Not Provided  
Barclays Capital, New York, NY: Summer Analyst, Investment Banking  
Barclays Capital, New York, NY: Trading Intern, Global Markets  
Barclays Capital, New York, NY: Information Technology  
Citibank, Istanbul, Turkey: Investment Banking Intern  
Citigroup, New York, NY: Summer Quantitative Trading Analyst, Global Capital Markets  
Citiserve Ltd., Lagos, Nigeria: Project Manager  
Decision Lens, Arlington, VA: Intern

**Systems Science and Engineering (continued)**

Deloitte LLP, Cherry Hill, NJ: Consulting Intern  
Deutsche Bank, Hong Kong: Summer Analyst, Investment Banking Division  
Ennovance Capital, Philadelphia, PA: Summer Analyst  
Ferranti Computer Systems N.V., Antwerp, Belgium: Summer Business Development Analyst  
First Manhattan Consulting Group, New York, NY: Analyst  
Free Library of Philadelphia, Philadelphia, PA: Technology Instructor  
Global Corporate Banking, Beijing, China: Summer Analyst  
Goldman Sachs & Co., Jersey City, NJ: Operations Analyst  
Goldman Sachs & Co., New York, NY: Summer Analyst, Global Portfolio Solutions  
Home Box Office, Inc., New York, NY: Consumer Marketing Intern, Ads & Promos  
HSBC, Mumbai, India: Summer Intern, Investment Advisory Group, Pvt. Banking  
Juniper Networks, Sunnyvale, CA: Corporate Strategy Intern  
King Abdullah University for Science and Technology, Saudi Arabia: Research Intern, Cognitive Radio  
LLR Partners, Philadelphia, PA: Analyst  
McKinsey & Company, New York, NY: Summer Analyst  
Milagrow Business and Knowledge Solutions, New Delhi, India: Summer Intern  
Morgan Stanley, Location Not Provided: Position Not Provided  
National Australia Bank, New York, NY: Summer Analyst, Rotational Program  
Nomura Securities, New York, NY: Summer Analyst, Investment Banking Division  
Senator Impex Pvt Ltd, Mumbai, India: Summer Intern  
Sovereign Wealth Fund , Malaysia: Summer Analyst, Life Sciences Investment  
Street Solutions, Inc., Jersey City, NJ: Business Technology Analyst Intern  
Street Solutions, Inc., Jersey City, NJ: Business Technology Analyst Intern  
UBS, Singapore: Summer Analyst, Investment Banking  
UBS, Stamford, CT: Intern, Securities - Equities Sales and Trading  
UBS Investment Bank, New York, NY: Summer Analyst, Healthcare  
United States Navy: Midshipman  
Wedbush Securities, San Francisco, CA: Junior Equity Research Associate

**Systems Science and Engineering & Electrical Engineering**

Madison Square Garden, New York, NY: Garden Scholar, MSG Entertainment

**Systems Science and Engineering & Systems Science and Engineering (MSE)**

Excelsior Medical Corp., Neptune, NJ: Engineering Intern, Quality Assurance  
Insight Venture Partners, New York, NY: Analyst

## ***ENGINEERING & CAS\****

### **Applied Science – Computer Science & Economics**

Goldman Sachs, New York, NY: Summer Analyst

Goldman Sachs, New York, NY: Summer Technology Analyst, Confirms Team, Operations Technology

### **Applied Science – Computer Science & Fine Arts**

Cosmic Toast Studios, Burbank, CA: Animation Intern

### **Applied Science – Computer Science & Linguistics**

University of Pennsylvania - Computer and Information Science, Philadelphia, PA: Undergraduate Researcher

### **Applied Science – Individualized & Political Science**

J.P. Morgan, New York, NY: Investment Banking Summer Analyst, Public Finance/ Infrastructure Advisory

### **Bioengineering & Economics**

SinuSys, Inc., Palo Alto, CA: Associate, Finance & Business Development

### **Bioengineering & Philosophy, Politics and Economics**

University of Pennsylvania - Bioengineering, Philadelphia, PA: Research Assistant

### **Chemical and Biomolecular Engineering & Chemistry**

University of Pennsylvania - Bioengineering, Philadelphia, PA: Lab Assistant

### **Chemical and Biomolecular Engineering & Economics**

University of Pennsylvania - Chemistry, Philadelphia, PA: Undergraduate Researcher

### **Computer Science & Economics**

University of Pennsylvania, Philadelphia, PA: Research Assistant, Emerging Markets Research

University of Pennsylvania - The Wharton School, Real Estate Department, Philadelphia, PA: Research Assistant

### **Computer Science and Engineering & Cognitive Science**

VA Medical Center Boston, Boston, MA: Intern

### **Electrical Engineering & Philosophy**

University of Pennsylvania - Biology & Multimedia Services, Philadelphia, PA: IT Technical

### **Materials Science and Engineering & Economics**

ScienceFirst, LLC, Cedar Knolls, NJ: Research Associate

### **Mechanical Engineering and Applied Mechanics & Economics**

University of Pennsylvania - ModLab, Philadelphia, PA: Student Researcher

### **Systems Science and Engineering & Economics**

Barclays Capital, New York, NY: Information Technology Intern

Ennovance Capital, Philadelphia, PA: Summer Analyst

First Manhattan Consulting Group, New York, NY: Analyst

Milagrow Business and Knowledge Solutions, New Delhi, India: Summer Intern

National Australia Bank, New York, NY: Summer Analyst, Rotational Program

Senator Impex Pvt Ltd, Mumbai, India: Summer Intern

**\* All employers/positions are also listed by Engineering major**

## ***ENGINEERING & WHARTON\****

### **Applied Science – Computer Science & Actuarial Science**

AXA Equitable, Location Not Provided: Summer Intern

### **Applied Science – Computer Science & Finance**

Bank of America Merrill Lynch, New York, NY: Summer Analyst, Mergers & Acquisitions

Credit Suisse, New York, NY: Summer Analyst, Equity Research

Hamilton Lane Advisors, LLC, Hong Kong: Intern, Fund Investment Team

Jane Street Capital, New York, NY: Intern

JWT India, Kolkata, India: Account Services Intern

McKinsey & Company, Hong Kong: Summer Business Associate

Microsoft, Mountain View, CA: Program Manager, Hotmail

PopCap Games Shanghai, Shanghai, China: Product Research Intern (for social networking games)

Sawaya Segalas, New York, NY: Summer Analyst, Consumer M&A

The Sage Group, LLC, Los Angeles, CA: Summer Intern

### **Applied Science – Computer Science & Individualized**

Google, Mountain View, CA: Associate Product Manager, Android

### **Applied Science – Computer Science & Management**

buzzd, New York, NY: Business Development and Marketing Intern

Deloitte LLP, New York, NY: Summer HR Service Delivery Scholar, Human Capital Consulting

Syllendar Corporation, Location Not Provided: Founder

### **Applied Science – Computer Science & Marketing**

Kraft Foods, Tarrytown, NY: Summer Associate Brand Manager, Marketing

Microsoft, Redmond, WA: Program Manager Intern, Windows

Microsoft, Redmond, WA: Associate Product Manager Intern, OBP - PMG - SharePoint

Oliver Wyman, Boston, MA: Summer Analyst

### **Applied Science – Computer Science & Marketing and Operations Management**

Microsoft, Redmond, WA: Associate Product Manager, Windows Live

### **Applied Science – Computer Science & Statistics**

Morgan Stanley, New York, NY: Summer Analyst, Global Capital Markets

### **Applied Science – Computer and Cognitive Science & Finance**

Bank of America, Charlotte, NC: Software Developer, Global Market Risk Technology

### **Applied Science – Individualized & Finance**

University of Pennsylvania -School of Medicine, Philadelphia, PA: Research Specialist, Cardiology

### **Applied Science – Biomedical Science & Finance**

AQR, Greenwich, CT: Analyst, Global Asset Allocation

Barclays Capital, New York, NY: Summer Analyst, Investment Banking - Global Healthcare

Goldman Sachs, New York, NY: Summer Analyst, Healthcare Group

J.P. Morgan, New York, NY: Investment Banking Summer Analyst

Morgan Stanley, New York, NY: Investment Banking Intern, Mergers and Acquisitions Group

The Blackstone Group, New York, NY: Summer Analyst, Restructuring & Reorganization

Union Square Advisors, San Francisco, CA: Summer Analyst

### **Applied Science – Biomedical Science & Marketing**

AcuFocus, Inc., Irvine, CA: Intern

### **Bioengineering & Finance**

Aberdeen Asset Management, Philadelphia, PA: US Equities Intern

Capital One, Richmond, VA: Business Analyst, Small Business Credit Card

Credit Suisse, Singapore: Summer Analyst, Investment Banking Division

**Bioengineering & Healthcare Management and Policy**

Children's Hospital of Philadelphia, Philadelphia, PA: Researcher, Hematology

**Bioengineering & Marketing**

Sanford C. Bernstein, New York, NY: Junior Research Associate, Equity Research

**Chemical and Biomolecular Engineering & Finance**

DRW Trading Group, Chicago, IL: Intern

General Mills Inc., Bentonville, AK: Business Management Associate Intern

Goldman Sachs, Hong Kong: Summer Analyst, Investment Banking

**Chemical and Biomolecular Engineering & Marketing**

American Society for Cell Biology, Bethesda, MD: Independent Consultant

**Chemical and Biomolecular Engineering & Operations and Information Management**

Dow Corning, Midland, MI: Process Engineering Intern

University of Pennsylvania, Philadelphia, PA: Research Assistant

**Computer Science & Finance**

Barclays Capital, New York, NY: Summer Analyst, Technology

Boston Consulting Group, San Francisco, CA: Summer Associate

Microsoft, Seattle, WA: Program Manager Intern, Windows

**Computer Science & Management**

Microsoft, Redmond, WA: Program Manager, Windows User Experience

**Computer Science and Engineering & Finance**

Citigroup, New York, NY: Investment Banking Summer Analyst

Citigroup, New York, NY: Investment Banking Summer Analyst

Citigroup, New York, NY: Summer Analyst (Sales, Trading & Quant Analysis)

**Digital Media Design & Marketing**

Electronic Arts, Redwood City, CA: Product Manager Intern, EA2D/Playfish

**Electrical Engineering & Finance**

Goldman Sachs, New York, NY: Intern, Technology

**Electrical Engineering & Operations and Information Management**

Novantas, New York, NY: Summer Associate

**Materials Science and Engineering & Finance**

Bank of America Merrill Lynch, Tokyo, Japan: Summer Analyst, Global Corporate and Investment Banking

Ferranti Computer Systems N.V., Antwerp, Belgium: Internal Consultant

J.P. Morgan Cazenove, London, U.K.: Investment Banking Summer Work Experience Intern

Jefferies & Company, Inc., New York, NY: Summer Analyst, Investment Banking

UBS, Stamford, CT: Intern, Sales and Trading

University of Pennsylvania - Winey Research Group, Philadelphia, PA: Research Assistant

Zais Group LLC, Red Bank, NJ: Analytics Intern

**Materials Science and Engineering & Management**

Microsoft, Redmond, WA: Finance Rotation Program Intern

**Materials Science and Engineering & Operations and Information Management**

Samsung Telecommunications America, Richardson, TX: CPFR Intern, Wireless Terminal Sales - Bus. Planning

**Materials Science and Engineering & Statistics**

The Wharton School, University of Pennsylvania, Philadelphia, PA: SIRE Participant, Undergraduate Researcher

**Mechanical Engineering and Applied Mechanics & Finance**

Credit Suisse, New York, NY: Summer Analyst, Strategic Partners  
Deutsche Bank AG, Mumbai, India: Asia-Pacific Program Summer Analyst  
Jefferies & Company, Inc., Waltham, MA: Investment Banking Summer Analyst  
Loki Research, Philadelphia, PA: Student Engineer  
Pythagoras Solar, San Mateo, CA: Marketing Consultant Intern, Marketing & Business Development

**Mechanical Engineering and Applied Mechanics & Management**

Applied Predictive Technologies, Arlington, VA: Business Consultant Intern  
Wharton Small Business Development Center, Philadelphia, PA: Position Not Provided

**Mechanical Engineering and Applied Mechanics & Marketing**

Safe Transport Systems, Philadelphia, PA: Founder

**Systems Science and Engineering & Finance**

Bain & Company, San Francisco, CA: Associate Consultant  
Bank of China International, Shanghai, China: Summer Analyst, Investment Banking Division  
Barclays Capital, New York, NY: Summer Analyst, Investment Banking  
Deloitte LLP, Cherry Hill, NJ: Consulting Intern  
Goldman Sachs & Co., New York, NY: Summer Analyst, Global Portfolio Solutions  
LLR Partners, Philadelphia, PA: Analyst  
Morgan Stanley, Location Not Provided: Position Not Provided  
Nomura Securities, New York, NY: Summer Analyst, Investment Banking Division  
Sovereign Wealth Fund, Malaysia: Summer Analyst, Life Sciences Investment  
UBS, Singapore: Summer Analyst, Investment Banking  
UBS Investment Bank, New York, NY: Summer Analyst, Healthcare

**Systems Science and Engineering & Finance & Systems Science and Engineering (MSE)**

Barclays Capital, New York, NY: Trading Intern, Global Markets

**Systems Science and Engineering & Management**

Juniper Networks, Sunnyvale, CA: Corporate Strategy Intern

**Systems Science and Engineering & Marketing**

Ferranti Computer Systems N.V., Antwerp, Belgium: Summer Business Development Analyst

**Systems Science and Engineering & Marketing and Operations Management**

Insight Venture Partners, New York, NY: Analyst

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