

**MIT system design  
& management**

# employment report



self-funded 2016 graduates

**MITsdm**

**MIT**

# MIT SDM Employment Report

The MIT System Design and Management (SDM) program educates future technical leaders in architecting, engineering, and designing complex products and systems, providing them with the leadership and management skills necessary to work successfully across organizations.

Jointly offered by the MIT School of Engineering and the MIT Sloan School of Management, SDM enables students to gain both technical/engineering depth and management breadth. The program leads to an SM degree in engineering and management.

Graduates leave SDM prepared to manage effectively and creatively by using systems thinking to solve large-scale, complex challenges in product design, development, and innovation. Their unique and powerful combination of technical and managerial skills equips them to effectively lead in positions throughout a wide range of industries, across all levels and functions.

SDM annually surveys members of its most recent graduating class about their career paths. This report displays employment and compensation statistics gathered from self-funded students who graduated in February, June, and September 2016.



## SDM Fellows' Employment Profile 2016 (February, June, and September graduation dates)

**53%** US citizens/permanent residents

**47%** Non-US citizens

**21** Countries

**4** Continents

**23%** Women

**82** Number of SDM fellows graduating in 2016

**36** Number of company-funded fellows

**46** Number of self-funded fellows

**42** Self-funded fellows seeking employment

**4** Self-funded fellows who remained at, or returned to, their current employers

**6** Self-funded fellows starting own business

**1** Self-funded fellows continuing education

**8** Average years of full-time work experience prior to SDM

**\$86,965** Average annual salary in last position (without bonus)

### Sample of Undergraduate Degrees

22%	Electrical Engineering
12%	Computer Science
12%	Mechanical Engineering
6%	Computer Engineering
6%	Chemical Engineering
6%	Industrial Engineering
6%	Engineering Science
4%	Physics
26%	Other

### Prior Industry Experience

14%	Consulting
12%	Aerospace
12%	Software
10%	Finance
8%	Defense
8%	Medical Devices
8%	Semiconductors
6%	Energy
4%	Biotechnology
4%	Government
4%	Machinery
10%	Other



# Job Search

<b>97%</b>	employed SDM graduates who responded to the 2016 survey
<b>\$132,550</b>	average base salary of surveyed SDM fellows
<b>53%</b>	increase from base salary prior to entering SDM
<b>\$22,291</b>	average signing bonus
<b>65%</b>	surveyed graduates receiving a signing bonus
<b>1.6</b>	average job offers, 2016 SDM surveyed graduates

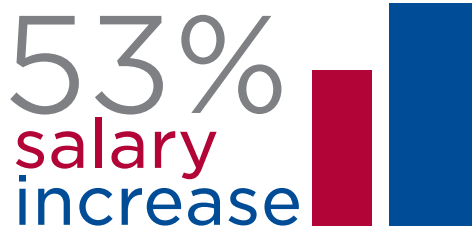
## Highest degree obtained prior to SDM

<b>51%</b>	BS/BA/BEng
<b>46%</b>	MS/MA/MBA
<b>3%</b>	PhD



## Partial List of Companies that Recruited 2016 SDM Graduates

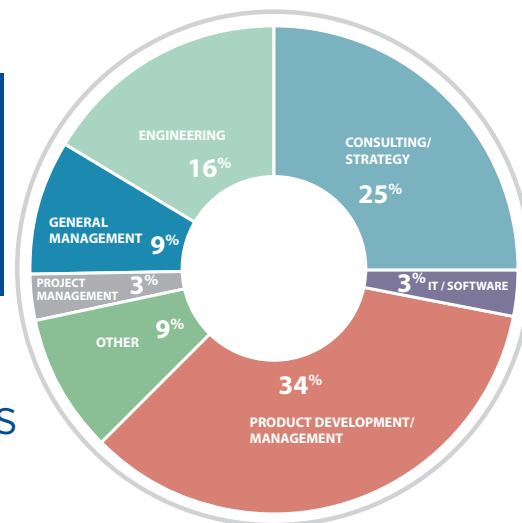
Amazon Robotics  
 Apple  
 Bill & Melinda Gates Foundation  
 Bose  
 Boston Consulting Group  
 C3 IoT  
 Dell EMC  
 Deloitte  
 E & J Gallo Winery  
 Ericsson  
 Google  
 Intel – New Devices Group  
 McKinsey & Co  
 nuTonomy  
 Oracle  
 PA Consulting Group  
 Shell TechWorks  
 Technology Strategy Partners  
 Tesla  
 Verizon Labs  
 Visa Innovation Lab  
 Yelp



## Sample Job Titles after Graduation

CEO / Founder  
 Consultant  
 Director of Research & Development  
 Head of Operations – New Ventures  
 Market Research Analyst  
 Senior Product Manager  
 Senior UX Designer  
 Solutions Analytics  
 Systems Architect  
 Systems Engineer  
 Technical Business Developer  
 Technical Lead

## Job Functions Held by 2016 Graduates



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