

Employment Report for 2019

System Design and Management (SDM) is the Massachusetts Institute of Technology's Master of Science degree in Engineering and Management.

Jointly offered by the MIT Sloan School of Management and MIT's School of Engineering, SDM educates mid-career professionals to lead effectively and creatively by using systems thinking to solve large-scale, complex challenges in product design, development, and innovation.

This report displays employment and compensation statistics gathered from self-funded students who graduated in February, June, and September 2019.

CLASS PROFILE

55

GRADUATES

47% US CITIZEN OR PERMANENT RESIDENT

53% NON-US CITIZEN

85% MEN

15% WOMEN

9

AVERAGE YEARS OF FULL-TIME WORK EXPERIENCE AT ENTRY TO SDM

33

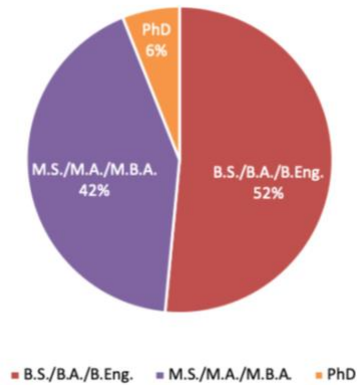
AVERAGE AGE AT ENTRY TO SDM

DEGREES PRIOR TO SDM OF GRADUATES SEEKING EMPLOYMENT

52% BS/BA/BEng

42% MS/MA/MBA

6% PhD



UNDERGRADUATE DEGREES

7 Electrical Engineering

6 Other

5 Computer Science/Computer Engineering

4 Other Engineering

3 Mechanical Engineering

2 Management

2 Aeronautics and Astronautics

2 Electrical Engineering/Computer Science

1 Other, Science

1 Systems Engineering

EMPLOYMENT PROFILE

SEEKING EMPLOYMENT **33**

NOT SEEKING EMPLOYMENT **22**

Company-sponsored 8

Government-sponsored 14

100% of students who were seeking opportunities were employed within 3 months of graduation.

SALARY DATA

Pre-SDM salary range: \$30,000 to \$162,000. Average pre-SDM salary: \$99,600

Post-graduation salary range: \$88,500 to \$210,000. Average post-SDM salary: \$145,175

Average increase pre- to post-SDM: 46%

- * Salary data reflects base salary only of those who reported their salaries, in US dollars
- * All information based on data reported by students

SAMPLING OF EMPLOYERS HIRING SDM GRADUATES 2016-2019

Adobe
Agrozone
Amazon*
Amazon Robotics*
Apple*
Axcelis Technologies
C3
Cherish Systems
Cisco
Clay Air
Continuum
Dell EMC*
EY Advisory*
Flex
Gaia Elements
Indian Government
J&J
Marathon Oil
Mathworks
Micron
Microsoft*
MIT*
Mutual of Omaha
NASDAQ
Oracle
Palo Alto Networks
Paypal
Rapid7
Salesforce
Schneider Electric
Shell TechWorks*
Spike
SumoLogic
Tesla*
The National Center for Medical Records
The Vanguard Group
Vivint Smart Home
Wayfair*
Wellframe
Xapix
Zenuity

Employers marked with an asterisk represent multiple hires

SAMPLE JOB TITLES OF SDM GRADUATES

Account Manager
Analytics Engagement Lead
Associate Director
Business Development Manager
Business Technology Manager
CEO
Cofounder/CTO
Consultant
Corporate Strategy Manager
Data Scientist
Director of Strategy and Business Development
Director of Talent, Technology, Innovation
Director of Vehicle Engineering
Director, Experience Design
Founder, Director
Global Product Manager
Head of Commercialization
Head of Development Ops & Lead Engineer
Product Manager
Product Marketing Specialist
Project Manager
Recycling Design Engineer
Research Scientist
Robotics & AI Manager
Senior Business Systems Consultant
Senior Engineer
Senior Manager of Operations
Senior Program Manager
Senior Software Engineer
Senior Systems Architect
Senior Systems Engineer
Senior Technical Program Manager
Software Engineering Manager
Solutions Architect
Systems Engineer
Technical Product Manager
Vice President of Engineering

SAMPLE INDUSTRIES

SDM graduates contribute their expertise in many industries, including:

- Advanced Materials
- Aerospace
- Automotive
- Consumer Products
- Data Science
- E-Commerce
- Energy
- Enterprise Software
- Environmental Services
- Financial Services
- Government
- Healthcare
- Insurance
- Medical Device
- Semiconductor
- Software
- Smart Home

JOB LOCATION POST-SDM

OF STUDENTS SEEKING EMPLOYMENT

Northeast	50%
West Coast	36%
Midwest	7%
Southeast	4%
Non-U.S.	4%

FOR FURTHER INFORMATION OR TO DISCUSS HIRING SDM STUDENTS OR ALUMNI, PLEASE CONTACT:

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