EMPLOYMENT REPORT for 2018

MITsdm

Master of Science in
Engineering and Management

PROGRAM OVERVIEW

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 2018.

Lorena Pelegrin, 2018 SDM Graduate
Program Manager, Digital Product Innovation and
Strategic Business Development, Iron Mountain

54
GRADUATES

44% — US CITIZENS OR PERMANENT RESIDENTS

56% — NON-US CITIZENS

31% — WOMEN

69% — MEN

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

32 — AVERAGE AGE AT ENTRY TO SDM

"SDM is one of the few programs out there that focuses on technical management and product strategy. The classroom learning, along with peer learning from an experienced cohort, is what one would need at a middle manager/senior professional level. SDM gave me unique cross-functional exposure, which helped me transition smoothly from a pure engineering domain to a techno-managerial role. "

Aswini Prasad, 2018 SDM Graduate

MIT System Design & Management

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MIT MANAGEMENT SLOAN SCHOOL

SAMPLING OF EMPLOYERS HIRING SDM GRADUATES 2016-2018

Adobe

AgroZone

Amazon

Apple

Axcelis Technologies

Berkshire Hathaway Specialty Insurance

C3

Cherish Systems

Clay Air

Continuum

EY

Flex

Gaia Elements

Indian Government

J&J

Marathon Oil

Microsoft

MIT

Mutual of Omaha

Nasdaq

Oracle

PayPal

Rapid7

REsurety

Schneider Electric

Shell TechWorks

Spike

SumoLogic

Tesla

The National Center for Medical Records

The Vanguard Group

Vivint Smart Home

Wayfair

Wellframe

Xapix

*Employers in **BOLD** type represent multiple hires*

EMPLOYMENT PROFILE

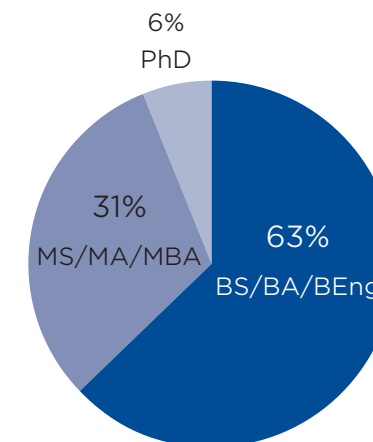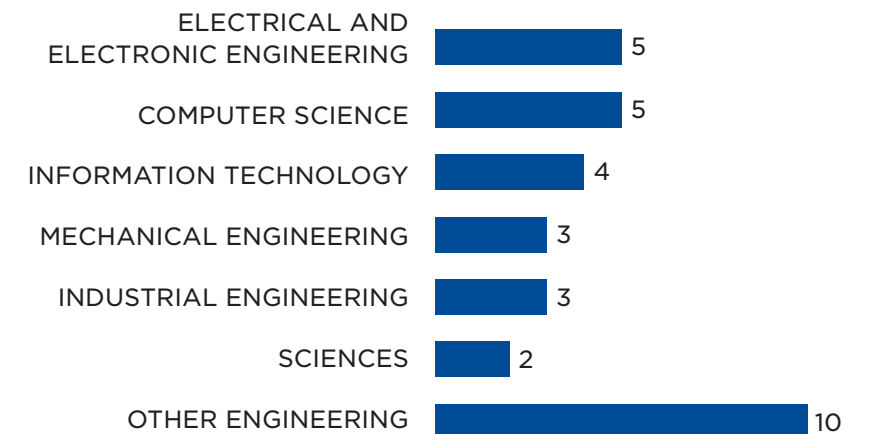| SEEKING EMPLOYMENT	**32**
NOT SEEKING EMPLOYMENT	**22**
Company-sponsored	4
Government-sponsored	16
Continuing education	2

- 100% of students (for whom information is known) were employed at 6 months post-graduation

DEGREES PRIOR TO SDM
OF GRADUATES SEEKING EMPLOYMENT

6% PhD

31% MS/MA/MBA

63% BS/BA/BEng

UNDERGRADUATE DEGREES

ELECTRICAL AND ELECTRONIC ENGINEERING	5
COMPUTER SCIENCE	5
INFORMATION TECHNOLOGY	4
MECHANICAL ENGINEERING	3
INDUSTRIAL ENGINEERING	3
SCIENCES	2
OTHER ENGINEERING	10

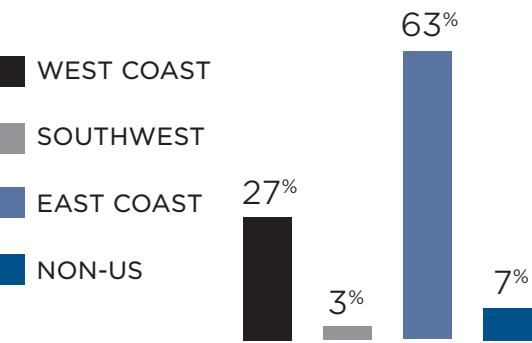## SAMPLE INDUSTRIES

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

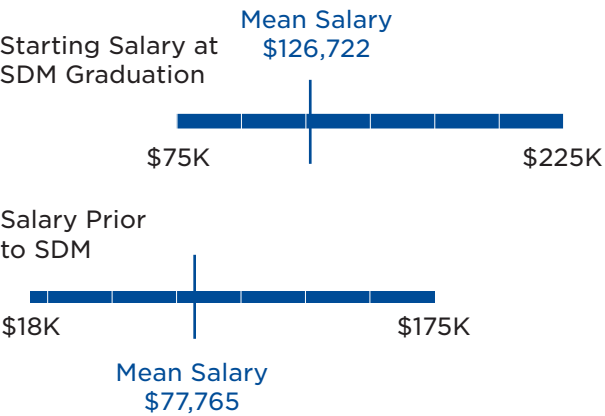■ WEST COAST
■ SOUTHWEST
■ EAST COAST
■ NON-US

WEST COAST 27%
SOUTHWEST 3%
EAST COAST 63%
NON-US 7%

SALARY DATA

#MITBetterWorld

63%
AVERAGE INCREASE

Starting Salary at SDM Graduation
Mean Salary $126,722
$75K — $225K

Salary Prior to SDM
$18K — $175K
Mean Salary $77,765

- Salary data reflects base salary only of those who reported their salaries
- All information based on data reported by students

SAMPLE JOB TITLES OF GRADUATES

Account Manager
Analytics Engagement Lead
Business Development Manager
Business Technology Manager
CEO
Cofounder/CTO
Consultant
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
Project Manager
Recycling Design Engineer
Research Scientist
Senior Engineer
Senior Manager of Operations
Senior Program Manager
Senior Systems Architect
Senior Systems Engineer
Senior Technical Program Manager
Software Engineering Manager
Solutions Architect
Senior Business Systems Consultant
Technical Product Manager
Vice President of Engineering

"My firm's next generation of strategic problems are highly technical, multidisciplinary, and involve complex networks of stakeholders. SDM and MIT gave me the knowledge and skills necessary to successfully solve these next-generation problems."

John Gilmore, 2018 SDM Graduate