



Career Report

UC Berkeley Master of Information and Data Science

The Master of Information and Data Science (MIDS) prepares students to derive insight from real-world data sets, using the latest tools and analytical methods to interpret and communicate their findings in ways that influence decision making, changing both minds and behaviors in a variety of settings. Designed for working professionals, the datascience@berkeley program features a multidisciplinary and project-based curriculum which takes a holistic approach to data science.

COMMON JOB TITLES

- Business Analyst
- Business Intelligence Analyst
- Data Analyst
- Data Engineer
- Data Scientist
- Engineering Manager
- Member of Technical Staff
- Principal Architect
- Principal Engineer
- Product Engineer
- Senior Consultant
- Senior Data Scientist
- Senior Design Researcher
- Software Engineer



“Data science is an amazing job where you get to be a detective, an artist, and a coder all at once. It’s challenging. You have to be tenacious. You have to lean into learning new things when you’re tired and want to stick with what you already know. But the results are so worth it—getting to work on fascinating problems, and the appreciation after you find a solution.”

— Leanne Bradley, MIDS 2016, Senior Data Scientist, LinkedIn

RECENT EMPLOYERS

- Airbnb
- Amazon
- Analysis Group
- BNY Mellon
- Capital One
- Castlight Health
- Cisco
- Facebook
- Fenix International
- Fidelity
- Fitbit
- GE Healthcare
- Google
- Instagram
- Jellyvision
- Kore
- LinkedIn
- Microsoft
- Nest
- Netflix
- Okta
- Pandora
- Rambus
- Symantec
- Transvoyant
- Uber

INTERESTED IN HIRING | SCHOOL TALENT?

Contact Rebecca Andersen, Director of Career Services, to learn more about connecting with our students and alumni.

careerservices@ischool.berkeley.edu

SALARY, 2016

\$120,000 median salary



\$14,500 median signing bonus





“I pursued data science for two main reasons. First, it sits squarely at the crossroads of creative problem-solving and technical know-how. Most data science jobs allow you to wield a technical toolset with freedom and creativity, which was really appealing! Second, I saw data scientists as “arbiters of truth,” the people who brought objectivity to decisions previously made based on intuition and seniority; I loved the idea of being able to speak truth within an organization and to help others make better decisions.”

— Zach Beaver, MIDS 2016,
Product and User Experience Analytics, Nest

STUDENT PROJECTS

R.A.P. - RAP ANALYSIS PROJECT 2015 MIDS

Can algorithms write hit rap tracks? This team applied machine learning techniques and data science principles to a database of rap lyrics from 1980 to 2015. Through a combination of lyric features and the support vector machine (SVM) model, the team was able to obtain over 70% accuracy in the prediction of past songs on the Billboard Top 100 chart. The project was featured in VICE’s Motherboard as well as Public Radio’s Marketplace. Visit the team’s website and try R.A.P. yourself! http://bit.ly/rap_analysis

TOMOGRAPHICA 2016 MIDS

HAL R. VARIAN AWARD WINNER

With higher sensitivity and fewer false-positives than any offering currently on the market, this tool can automatically detect lung nodules in thoracic CT scans. Using the latest advances in deep learning technology, Tomographica can accurately and consistently detect 86% of suspicious lung nodules in thoracic CT scans, with less than three false positives per case.



“Working on the capstone was the perfect culmination to the MIDS program—applying theoretical concepts to data in real life is challenging, especially with unstructured data that we see today. The hip hop lyrics we used to feed our model is a perfect example of this..the MIDS program helped prepare me for these practical aspects of being a data scientist.”

— Nikhita Koul, MIDS 2015,
Data Scientist, Symantec

EMPLOYER PARTNERSHIP PROGRAM

Connect your employees to mentoring and leadership opportunities, target your recruiting at UC Berkeley, and gain visibility for your company as a technology leader through the I School Employer Partnership Program! Contact us today to learn more. careerservices@ischool.berkeley.edu