Career Services Overview

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Career Outcomes
Career Services
Job Market/Job Search
Maximize MIDS
Career Outcomes

My circumstances have changed and I can no longer afford to work for free.
MIDS Graduate Outcomes

$122k
Median salary
base salary range = 40k - 350k

$14.5k
Median annual bonus
(2017-2018 graduates)

Top Position Titles*

1. Data Scientist (Sr/Staff/Lead/Principal)
2. Engineer/Architect (Data or SW)
3. Analyst (Data/Product/BI)
4. Director (DS or Analytics)
5. Executive (C-level, VP, Founder)

(Based on career surveys and LinkedIn analysis of all graduates thru May 2018)

29% promotion
55% change in position
67% salary increase

(Based on career surveys of all graduates thru May 2018)
Selected Employers

Google  facebook  amazon.com  CapitalOne  IBM

Apple  Microsoft  ORACLE

BCG  CISCO  Deloitte  eBay  PG&E  verizonwireless

citi  Analysis Group  fitbit  twitch

TESLA  LinkedIn  GE Healthcare  Universal Orlando  Khan Academy

Fidelity Investments  hootsuite

Based on career surveys and LinkedIn analysis of graduates through May 2018
MIDS Career Paths

- Data Analyst
  - Data Scientist
    - Software Engineer
    - Data Engineering
  - Consultant / Other
    - Data Scientist
    - Data Scientist / Engineer
    - Data Science Manager
Career Services

LET'S DO THIS.
Career Advising

• Targeted 1:1 Advising

• Sample topics:
  – Career exploration
  – Job search
  – Personal brand
  – Career basics
Reviews

• Resume Reviews
• LinkedIn Reviews
• Cover Letter Reviews
• Resume Books

For reviews, go to:
https://www.ischool.berkeley.edu/careers/students/resumereview
Career Resources

- Career Guides
- Links
- Job Board
- Webinars
Connections

• Alumni Network
  – Panel Discussions
  – LinkedIn
  – Info. Interviewing

• Employer Connections
  – Networking Events
  – Guest Speakers
  – Webinars
  – Immersion/Conferences

• Fellow Students
  – Slack #careers and #jobs-and-internships channels
“So you want to hire me as a Data Scientist for Intelligent Virtualized Deep Machine Learning Real-time Big Data in the Cloud for Social Networks? Ok, but if you also want Hadoop, increase my salary by 50%.”

Job Market
Job Search
# Data Science Roles

## Data Science

*Focus on eliciting non-trivial insights from data.*

**Experimentation:** work with novel problems to inform strategy, product development/direction, decisions.

**Data Product Strategy:** strive to improve product performance.

**Machine Learning:** develop and use predictive and correlative tools to leverage data.

## Data Analytics

*Focus on analysis and presentation of data as it currently exists.*

**Marketing:** manage and maximize marketing effectiveness, identify improvements and growth initiatives.

**Business:** look at business implications of data and resulting actions.

**People:** use data-driven approach to optimize the people side of business.

## Data Engineering

*Focus on data infrastructure design and implementation.*

**Infrastructure:** works with data warehousing, design and operation of distributed systems, building pipelines and databases.

**Applied:** partnering with product teams to make data accessible, includes aspects of ingesting and processing data.
Job titles, explained?
Job Search Steps

● Research & identify target jobs/companies/industries
  ○ Data science is *everywhere*, but job titles and descriptions are inconsistent

● Update resume/LinkedIn profile
  ○ What’s your brand?

● Create online portfolio with data science projects
  ○ Employers ARE looking!

● Prepare for interviews
  ○ Traditional & technical

● Network, network, network
  ○ I School & greater data science community

● Apply and interview
  ○ Get referrals from your network whenever possible

● Evaluate & negotiate offers
  ○ Research salaries
Maximize MIDS
While in MIDS....

● Choose projects thoughtfully
● Immersion
● Gain data science experience at current job if possible
● Do side projects if possible
  ○ Kaggle competitions, volunteer w/ Datakind, collaborate with I School peers
● Network, network, network
● Read data science news
  ○ KDNuggets, Open Data Science, Data Science Weekly, O’Reilly Media newsletter; LinkedIn data science news channels
● Attend data science conferences/meetups
● Get on the I School Slack (#careers; #jobs-and-internships; geography-based channels)
Questions?

“Nothing will work unless you do.”

Maya Angelou