Career Services Overview

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MIDS Career Advisor
Career Outcomes
Career Services
Job Market/Job Search
Maximize MIDS
My circumstances have changed and I can no longer afford to work for free.
MIDS Graduate Outcomes

$120k
Median salary
base salary range = 40k - 211k

$15k
Median annual bonus

33% promotion
58% change in position
72% salary increase

Top Position Titles*

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

*Results based on career surveys of graduates thru May '17 and LinkedIn analysis
Selected Employers

Based on career surveys of graduates thru Dec ’16 and LinkedIn analysis
MIDS Career Paths

Data Analyst → Data Scientist

Software Engineer → Data Engineering

Consultant / Other → Data Scientist

Data Scientist / Engineer → Data Science Manager
LET’S DO THIS.

Career Services
Career Advising

• Targeted 1:1 Advising

• Sample topics:
  – Career exploration
  – Job search
  – Personal brand
  – Career basics
Resumes & LinkedIn

- Resume Reviews
- LinkedIn Reviews
- Resume Books

Resume, LinkedIn Profile, & Cover letter Reviews

If you would like to have your resume, LinkedIn Profile, or cover letter reviewed, please email: mids_careerservices@ischool.berkeley.edu

Be sure to include the following:

- For resume reviews: a Word version of your resume
- For LinkedIn profile reviews: a link to your profile
- For cover letter reviews: a Word version of your cover letter

It is also helpful if you include in your email any specific questions you have on your resume and any specific positions/employers you are interested in. If at all possible, we try to get your review back to you within one week.
Career Resources

• Career Guides
• Links
• Job Board
• Webinars

MIDS Career Search Resources

• Job Search Websites
• Resumes & Cover Letters
• Networking
• Interviewing
• Negotiation
• Online Presence
• Entrepreneurship Resources
• Data Science Careers
• Miscellaneous

Job Search Websites

• LinkedIn
• Glassdoor
• Kaggle
• Stackoverflow Jobs
• Data Visualization Jobs Google Group
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%.”
# Data Science Roles

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<th>Data Science</th>
<th>Data Analytics</th>
<th>Data Engineering</th>
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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.

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.

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 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)
Questions?

“Nothing will work unless you do.”

Maya Angelou