Career Services Overview

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Career Outlook & Outcomes
Career Services
Job Search
Maximize I School experience
Career Outlook & Outcomes

My circumstances have changed and I can no longer afford to work for free.
Career Outlook

Data Science:

- By 2020: 2,720,000 openings
- Jobs remain open an average of 45 days, five days longer than market average

Source: IBM Predicts Demand For Data Scientists Will Soar 28% By 2020

Cybersecurity:

- By 2022: 1.8 million gap of info security professionals
- 66% of info security workers report their departments are understaffed

Source: 2017 Global Information Security Workforce Study
# MIDS Graduate Outcomes

- **$124,000**
  - Median salary
  - Base salary range: 50k - 375k

- **$15,000**
  - Median annual bonus

(2017-2018 graduates)

<table>
<thead>
<tr>
<th>Top Position Titles*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Data Scientist (all levels)</td>
</tr>
<tr>
<td>2. Engineer/Architect (data or software)</td>
</tr>
<tr>
<td>3. Director (data science/analytics)</td>
</tr>
<tr>
<td>4. Analyst (data/product/BI)</td>
</tr>
<tr>
<td>5. C-level/VP-level</td>
</tr>
</tbody>
</table>

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

- **51%**
  - Job change

- **30%**
  - Promotion

- **61%**
  - Salary increase

(Based on career surveys of all graduates thru August 2018)
**5th Yr MIDS**

MIDS grads ≤ 5 yrs exp

$108,000

median salary

base salary range= $50k - $200k

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**Sample Job Titles**

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<tbody>
<tr>
<td>Data Scientist</td>
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<tr>
<td>Engineer (data or software)</td>
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<tr>
<td>Analyst (data/product/BI)</td>
</tr>
<tr>
<td>Consultant</td>
</tr>
<tr>
<td>Business Analytics Associate</td>
</tr>
<tr>
<td>Algorithms QA Engineer</td>
</tr>
<tr>
<td>Research Scientist</td>
</tr>
<tr>
<td>Sr. Data Visualization Developer</td>
</tr>
<tr>
<td>Business Intelligence Manager</td>
</tr>
</tbody>
</table>

*Please complete the Career Outcomes Survey upon graduating*
MIDS Top Employers

Based on career surveys and LinkedIn analysis of graduates through December 2018
Cybersecurity

Top Cybersecurity Job Titles (nationwide, US)

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyber Security Engineer</td>
<td>$75,000</td>
</tr>
<tr>
<td>Cyber Security Analyst</td>
<td>$85,000</td>
</tr>
<tr>
<td>Network Engineer/Architect</td>
<td></td>
</tr>
<tr>
<td>Cyber Security Manager/Administrator</td>
<td></td>
</tr>
<tr>
<td>Systems Engineer</td>
<td></td>
</tr>
<tr>
<td>Software Developer/Engineer</td>
<td></td>
</tr>
<tr>
<td>Systems Administrator</td>
<td></td>
</tr>
<tr>
<td>Vulnerability Analyst/Penetration Tester</td>
<td></td>
</tr>
<tr>
<td>Cyber Security Consultant</td>
<td>$100,000</td>
</tr>
</tbody>
</table>

Average Salaries

- Cybersecurity Specialist: $75,000
- Cybersecurity Analyst: $85,000
- Cybersecurity Consultant: $100,000
- Penetration & Vulnerability Tester: $102,000
- Cybersecurity Engineer: $108,000
- Cybersecurity Manager: $115,000
- Cybersecurity Architect: $129,000
- CISO: $169,000

Source: CyberSeek

Please complete the Career Outcomes Survey upon graduating.
LET’S DO THIS.

Career Services
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 postings
- Webinars/events

Career Search Resources

- Job Search Websites
- Resumes & Cover Letters
- Networking
- Interviewing
- Negotiation
- Online Presence
- Entrepreneurship Resources
- Data Science Careers
- User Experience Careers
- Cybersecurity Careers
- Product Management Careers
- For International Students
- Miscellaneous
Connections

- **Alumni Network**
  - Panel Discussions
  - LinkedIn
  - Info. Interviewing
  - I School Connect

- **Employer Connections**
  - Networking Events
  - Guest Speakers
  - Immersion/Conferences
  - CLTC

- **Fellow Students**
  - Slack `#careers` and `#jobs-and-internships` channels
Job Search
Job Search Steps

● Research & identify target jobs/companies/industries
  ○ What are your dream companies/roles?
● Update resume/LinkedIn profile
  ○ What’s your brand?
● Create online portfolio/website/blog
  ○ Employers ARE looking!
● Prepare for interviews
  ○ Traditional & technical
● Network, network, network
  ○ I School & greater professional communities
● Apply and interview
  ○ Get referrals from your network whenever possible
● Evaluate and negotiate offers
  ○ Research salaries
Maximize ...
While in your program...

- Class projects
- Immersion timing
- Gain experience
  - At current job
  - Do side projects
  - Consider internships
- Engage in your (new) profession
  - Network, network, network
  - Read news/newsletters in your field
  - Attend conferences/meetups
- Get on the I School Slack
  - #careers; #jobs-and-internships
  - Geography-based channels; special interest channels
Upcoming Webinars

Revamp Your Resume
October 8, 5:30 – 6:30 PM PT

LinkedIn Tips & Tricks
November 5, 5:30 – 6:30 PM PT

https://www.ischool.berkeley.edu/careers/students/events
Questions?

“Nothing will work unless you do.”

Maya Angelou