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, the number of jobs for all US data professionals will increase by 364,000 openings to 2,720,000
- Data Science and Analytics (DSA) jobs remain open an average of 45 days, five days longer than the market average

Cybersecurity:
- The Center for Cyber Safety and Education predicts a gap of 1.8 mil information security workers by 2022
- 66% of info security workers report their departments are understaffed

Source:
IBM Predicts Demand For Data Scientists Will Soar 28% By 2020
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>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Data Scientist (all levels)</td>
<td></td>
</tr>
<tr>
<td>2. Engineer/Architect (data or software)</td>
<td></td>
</tr>
<tr>
<td>3. Director (data science/analytics)</td>
<td></td>
</tr>
<tr>
<td>4. Executive (C-level, VP)</td>
<td></td>
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<tr>
<td>5. Analyst (data/product/BI)</td>
<td></td>
</tr>
</tbody>
</table>

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

30% promotion

52% job change

63% salary increase

(Based on career surveys of all graduates thru August 2018)
MIDS Top Employers

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

## Top Cybersecurity Job Titles (nationwide, US)

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyber Security Engineer</td>
<td>$108,000</td>
</tr>
<tr>
<td>Cyber Security Analyst</td>
<td>$102,000</td>
</tr>
<tr>
<td>Network Engineer/Architect</td>
<td>$100,000</td>
</tr>
<tr>
<td>Cyber Security Manager/Administrator</td>
<td>$115,000</td>
</tr>
<tr>
<td>Systems Engineer</td>
<td>$129,000</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>

### Source: CyberSeek

**Please complete the Career Outcomes Survey upon graduating**

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## 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
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 Board
- Webinars

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
  – Webinars
  – Immersion/Conferences
  – CLTC

• Fellow Students
  – Slack #careers and #jobs-and-internships channels
Upload Your Resume

Now painstakingly fill out this form containing all of the exact same information

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
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
Questions?

“Nothing will work unless you do.”

Maya Angelou