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:

- Data scientists saw a 37% increase in annual growth in the US in 2019
- Related roles have also experienced significant growth: AI Specialist – 74%, Data Engineer – 33%

Cybersecurity:

- By 2022: 1.8 million gap of info security professionals
- 66% of info security workers report their departments are understaffed
- Cybersecurity specialists saw 30% annual growth in 2019

Source:
LinkedIn 2020 Emerging Jobs Report

Sources:
2017 Global Information Security Workforce Study
LinkedIn 2020 Emerging Jobs Report
# MIDS Graduate Outcomes

## 2018-2019 graduates

- **Median salary (US)**
  - $125k
  - Base salary range: 50k - 400k

- **Median annual bonus (US)**
  - $15k

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Event</th>
<th>Attribution to MIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>47%</td>
<td>Reported new job</td>
<td></td>
</tr>
<tr>
<td>29%</td>
<td>Reported promotion</td>
<td></td>
</tr>
<tr>
<td>59%</td>
<td>Reported salary increase</td>
<td></td>
</tr>
<tr>
<td>62%</td>
<td>Attributed these changes to MIDS</td>
<td></td>
</tr>
<tr>
<td>85%</td>
<td>Believe MIDS increased their career opportunities &amp; marketability</td>
<td></td>
</tr>
<tr>
<td>79%</td>
<td>Believe MIDS made them stronger candidates when competing for jobs</td>
<td></td>
</tr>
</tbody>
</table>

*Source: Berkeley School of Information*
# Top Jobs of MIDS Alumni

<table>
<thead>
<tr>
<th>Top Position Categories*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Data Scientist (all levels)</td>
</tr>
<tr>
<td>2. Engineer (software)</td>
</tr>
<tr>
<td>3. Analyst (all types)</td>
</tr>
<tr>
<td>4. Executive (C-level/VP-level)</td>
</tr>
<tr>
<td>5. Engineer (data, ML)</td>
</tr>
</tbody>
</table>

(*Based on career surveys and LinkedIn analysis of all graduates thru Dec 2019)*
Top Employers of Alumni

Google
Microsoft
Amazon
Apple
Northrop Grumman
Capital One
Cisco
IBM
Intel
Uber
Verizon Wireless
# Cybersecurity

## Top Cybersecurity Job Titles (nationwide, US)

<table>
<thead>
<tr>
<th>Job Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyber Security Engineer</td>
</tr>
<tr>
<td>Cyber Security Analyst</td>
</tr>
<tr>
<td>Network Engineer/Architect</td>
</tr>
<tr>
<td>Cyber Security Manager/Administrator</td>
</tr>
<tr>
<td>Systems Engineer</td>
</tr>
<tr>
<td>Software Developer/Engineer</td>
</tr>
<tr>
<td>Systems Administrator</td>
</tr>
<tr>
<td>Vulnerability Analyst/Penetration Tester</td>
</tr>
<tr>
<td>Cyber Security Consultant</td>
</tr>
</tbody>
</table>

## Average Salaries

<table>
<thead>
<tr>
<th>Role</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cybersecurity Specialist</td>
<td>$75,000</td>
</tr>
<tr>
<td>Cybersecurity Analyst</td>
<td>$85,000</td>
</tr>
<tr>
<td>Cybersecurity Consultant</td>
<td>$100,000</td>
</tr>
<tr>
<td>Penetration &amp; Vulnerability Tester</td>
<td>$102,000</td>
</tr>
<tr>
<td>Cybersecurity Engineer</td>
<td>$108,000</td>
</tr>
<tr>
<td>Cybersecurity Manager</td>
<td>$115,000</td>
</tr>
<tr>
<td>Cybersecurity Architect</td>
<td>$129,000</td>
</tr>
<tr>
<td>CISO</td>
<td>$169,000</td>
</tr>
</tbody>
</table>

Source: [CyberSeek](http://cyberseek.org)

*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?
  - Research salaries

- 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
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
February 11, 5:30 – 6:30 PM PT

Data Science Interviewing
February, date TBD

Evaluating & Negotiating Offers
March, date TBD

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

“Nothing will work unless you do.”

Maya Angelou