I School
Career Services Overview

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Agenda
- Career Outlook and 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.
Cyber Career Outlook

- Cybersecurity global market today is 744,000
- 66% of info security departments report they are understaffed
- By 2022 1.8 million gap expected
- Microsoft and Linked research predicts 6.38M or 750% growth in 5 years
Cybersecurity Job Market-COVID

- Job market is strong; demand for talent is high-
  40,000+ cyber jobs posted in last 30 days during Covid
- Employers excited about MICS program & UCB brand
- Salaries vary widely according to role and location -
  commonly between $100K-$250K
- Networking and building trust is extremely important
“The Hottest Job In Tech”

National cybersecurity demand is twice as great as supply


Washington, DC leads the way in cybersecurity demand

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>
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<tr>
<td>Cyber Security Analyst</td>
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<tr>
<td>Network Engineer/Architect</td>
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<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>
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<tr>
<td>Cyber Security Consultant</td>
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</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
MICS Graduate Outcomes, observations

- May make job changes any time....including months after graduation
- Easily switch between policy, management and technical roles
- A higher percentage of students / graduates working in government, consultancy, and defense
### Sample Employers & Roles

**For MICS Students and Alumni**

<table>
<thead>
<tr>
<th>Employers</th>
<th>Roles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft</td>
<td>Consulting Associate</td>
</tr>
<tr>
<td>HackerOne</td>
<td>Software Engineer</td>
</tr>
<tr>
<td>Kaiser Permanente</td>
<td>Pen Tester</td>
</tr>
<tr>
<td>Cisco</td>
<td>Head of Risk</td>
</tr>
<tr>
<td>Deloitte</td>
<td>Security Architect</td>
</tr>
<tr>
<td>Booz Allen Hamilton</td>
<td>Sr. Architect</td>
</tr>
<tr>
<td>Facebook</td>
<td>System Admin.</td>
</tr>
<tr>
<td>Local or state governments</td>
<td>Engineering Manager</td>
</tr>
<tr>
<td>ESRI International</td>
<td>Business Development</td>
</tr>
<tr>
<td></td>
<td>Security Specialist</td>
</tr>
</tbody>
</table>
Career Services
Career Advising

● Targeted 1:1 advising
  ○ Individualized to background + goals
  ○ No “cookie cutter” advising

● Top topics:
  1. Job search
  2. Career change
  3. Career exploration
  4. Resume
  5. Salary negotiation

To make an appointment:

https://www.ischool.berkeley.edu/careers/students/advising
Document Reviews

- Resume Reviews
- Cover Letter Reviews
- LinkedIn Reviews
- Resume Books - 3X/year

Submit docs for review at: https://www.ischool.berkeley.edu/careers/students/resumereview
Career Resources

• Career Guides/links
• Job postings
• Webinars/events
• UC Career Center
• CLTC

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

- I School Connect
  - Launched in 2019
  - Social network for I School’s global community
  - Directory, job board, groups, news feed

To join: https://berkeleyischoolconnect.com/
Connections

- **Alumni Network**
  - Panel presentations
  - LinkedIn
  - Info. interviewing

- **Employer Connections**
  - Networking events
  - Guest speakers
  - Webinars
  - Immersion/conferences

- **Fellow Students**
  - Slack Channels e.g. #careers, #cybersecurity-jobs #jobs-and-internships,
  - MICS Coffee House, Saturdays
  - MICS Happy Hours, 1st Fridays
Job Search
Job Search Steps

- **Research & identify target jobs/companies/industries**
  - What are your dream companies/roles? Research salaries

- **Update resume and 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 prepare for interviews**
  - Get referrals from your network whenever possible

- **Evaluate and negotiate offers**
  - Research salaries and compensation packages
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 #cybersecurity-careers
  - Geography-based channels; special interest channels
Upcoming Webinars

**Modernize Your Resume!**
Wednesday, September 2, 2020
5:30 pm - 6:30 pm PST

**LinkedIn Profile Privacy Tips and Pointers to Get You Noticed!**
Wednesday October 7th, 2020
5:30 pm - 6:30 pm PST

**Power Up Your Job Search and Networking**
November 4, 2020
5:30 pm - 6:30 pm PST

https://www.ischool.berkeley.edu/careers/students/events
Career Resources

- COVID-19 Career Resources:
  - [https://www.ischool.berkeley.edu/careers/students/guides#covid19](https://www.ischool.berkeley.edu/careers/students/guides#covid19)

- Virtual Office Hours:
  - MICS: Monthly (next is Sept 17, 2 pm -3:30 pm PT)

- Career Events:
  - [https://www.ischool.berkeley.edu/careers/students/events](https://www.ischool.berkeley.edu/careers/students/events)

- Career Advising:
  - [https://www.ischool.berkeley.edu/careers/students/advising](https://www.ischool.berkeley.edu/careers/students/advising)

- Document Reviews:
  - [https://www.ischool.berkeley.edu/careers/students/resumereview](https://www.ischool.berkeley.edu/careers/students/resumereview)

- Resume Book Submission:
  - MICS: [https://www.ischool.berkeley.edu/careers/students/mics-resume-book](https://www.ischool.berkeley.edu/careers/students/mics-resume-book)

- I School Connect:
  - [https://berkeleyischoolconnect.com/](https://berkeleyischoolconnect.com/)
Questions?

“Nothing will work unless you do.”

Maya Angelou