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
Cyber Career Outlook

- Cybersecurity US market today is 800,000+
- 66% of info security departments report they are understaffed
- By 2022 1.8 million gap expected
- Microsoft and LinkedIn 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

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<thead>
<tr>
<th>DEPARTMENT</th>
<th>DEMAND</th>
<th>SUPPLY</th>
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Washington, DC leads the way in cybersecurity demand

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<tr>
<th>CITY</th>
<th>DEMAND</th>
<th>SUPPLY</th>
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<tbody>
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<td>Washington, DC</td>
<td>42,269</td>
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<td>New York, NY</td>
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<td>Los Angeles, CA</td>
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Cybersecurity

Top Cybersecurity Job Titles (nationwide, US)

<table>
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<tr>
<th>Job Title</th>
<th>Average Salary</th>
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<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>
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<tr>
<td>Systems Engineer</td>
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<tr>
<td>Software Developer/Engineer</td>
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<tr>
<td>Systems Administrator</td>
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<tr>
<td>Vulnerability Analyst/Penetration Tester</td>
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<tr>
<td>Cyber Security Consultant</td>
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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+
- 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
MICS Program Career Updates

MICS graduates are building careers in leading technology companies, consulting firms and government agencies including:

**Technology:** Microsoft, Google, Facebook, FireEye, Salesforce

**Consulting:** Booz Allen Hamilton, Accenture, PwC, KPMG

**Government:** The FBI, Department of Defense, City & County of Los Angeles

**Entrepreneurs and Founders**
Life after MICS

83% have made a change/promotion 6+ months post-graduation

11% – Founder | Business Owner | CEO

Total Alumni – 44
Career Moves Concurrent to MICS

26% - New Jobs (26/105)
6% - Promotions (7/105)
Total 32% (34/105) LinkedIn Reporting
US Alumni Salary Data*

- Salary range $98K - $350,000
- Median Salary = $150,000
- Additional Benefits - Health, Yearly /performance bonus, 401K, Tuition, Moving Expenses RSU/Stock, Signing bonuses

* 34% reporting to date
MICS Employers

Based on career surveys and LinkedIn analysis of graduates - Jaunuar 2021
Early-Mid Career Roles

- Software Engineer
- Security Engineering Intern
- Cybersecurity Threat Analyst
- Security Analyst
- Privacy Program Manager
- Network Administrator
- IT Audit
- Test Engineer
- Cybersecurity Consultant
- Applications Software Engineer
- Security Program Manager
Senior Career Roles

- Pen Tester
- Senior Engineer, Software, Security, Detection and Response
- Product Security Engineer
- Information Security Architect
- Cyber Warfare Operations Officer
- Senior Cloud Security Engineer
- Technical Leader
Executive Career Roles

• Executive Director, Program Delivery, Privacy & Security Program
• Vice President, Product Development, Detection and Incident Response
• Vice President, Global IT Infrastructure and Security
• Chief Enterprise Architect
• Chief Technology Officer
• Chief Information Security Officer
• Chief Information Officer
Valued MICS Programs

- Coffee House – Guest Speakers, Day in the Life Series,
- Hack The Box – Weekly challenges and support
- MICS For Life
- Women in MICS – NEW!
- MICS Alumni Council – NEW!
Leaders in the Field

- RSA Presentations – 2020, 2021
- Curtis B Smith Fellowship Awards
- Center For Long-Term Cybersecurity Research
Alumni Quotes and Comments

“MICS shines a light on you”
Privacy Manager, Facebook

“Why did I choose MICS? I wanted the strongest chops in cybersecurity!”

“When you finish MICS, you will have everything you need to know in the cyber security space and will be highly confident – know about risk, identity, cyber, governance, compliance and so much more.”
Executive Director, Privacy & Security, Kaiser Permanente
Alumni Quotes and Comments

“During the program you will be knee deep and stressed but when you emerge, will understand a breath of programs risk, 3rd party, privacy, IOT, and regulatory—will quadruple your understanding across the spectrum”

“The mentoring program was hands down, the best thing I experienced”

I was able to do private consulting as a cybersecurity architect
Alumni Quotes and Comments

“I am very grateful to Berkeley, and the MICS program and all the amazing people I got to know among students and faculty staff.

As an owner of a company and the direct increase in the compensation is not shown well. But obviously, the degree and education I received helps me a lot in my business.

It helps me with the clients, with recruitment of qualified IT specialists and in daily decision making.”
Alumni Quotes and Comments

“Since completing the MICS program, I have been contacted several times a month by recruiters offering various software development positions. It is gratifying to have options and job security.”
LET’S DO THIS.

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/](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
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? 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
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 #cybersecurity-careers
  - Geography-based channels; special interest channels
Upcoming Webinars

Getting Your Resume Through the 3 Gates!
Wednesday, February 24, 2021
5:30 pm - 6:30 pm PST

LinkedIn Profile Privacy Tips and Pointers to Get You Noticed!
Wednesday March 10, 2021
5:30 pm - 6:30 pm PST

Power Up Your Job Search and Networking
April 14, 2021
5:30 pm - 6:30 pm PST

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

“Nothing will work unless you do.”

Maya Angelou
Thanks For Joining!

Opportunities don't just happen. You create them.