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
- In 2021 a 3.5 million gap expected globally*
- Microsoft and LinkedIn research predicts 6.38M or 750% growth in 5 years

*New York Times and Cybersecurity Ventures
Cybersecurity Job Market - COVID

- Job market is strong; demand for talent is cyber jobs 69,137 and 589,705 security posted in last 30 days
- Employers excited about MICS program & UCB brand
- Salaries vary widely according to role and location - commonly between $100K - $250K
- Executive positions range from $250K - $450K
- Networking and building trust is extremely important
"The Hottest Job In Tech"

National cybersecurity demand is twice as great as supply

- **DEMAND**: 370,295
- **SUPPLY**: 178,443


Washington, DC leads the way in cybersecurity demand

- **Washington, DC**: 42,260
- **New York, NY**: 32,145
- **Baltimore, MD**: 28,160
- **Dallas, TX**: 23,870
- **Atlanta, GA**: 22,840
- **Chicago, IL**: 22,120
- **Virginia Beach, VA**: 19,400
- **San Jose, CA**: 18,600
- **San Diego, CA**: 18,500
- **Los Angeles, CA**: 17,800

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
## Cybersecurity

### Top Cybersecurity Job Titles (nationwide, US)

<table>
<thead>
<tr>
<th>Job Title</th>
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<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>
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</tbody>
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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](https://cyberseek.org)
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, 401 K, Tuition, Moving Expenses RSU/Stock, Signing bonuses

* 34% reporting to date

Please complete the Career Outcomes Survey upon graduating
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
MICS Top Employers

Google  Adobe  Microsoft  TikTok  salesforce  W

Activision  Blizzard  Mellanox Technologies

KPMG  Cisco  Booz Allen Hamilton  Department of Defense  ESI

USAA  Pluribus Network  Equinix

Mapbox  Southern California Edison  Boeing  Agil3Tech

Based on career surveys and LinkedIn analysis of graduates through May 2021
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!
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

“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
I School Job Board

Subscribe to the I School Job Board

- New opportunities

- Share job posts or internships at your company
Information and Community

- It’s all on Slack!
  - Announcements, Events, News
  - Social network for I School’s global community
  - Profile Directory, job board, groups, news feed

To join: UC Berkeley School of Information | ucbischool.slack.com
UC Berkeley I School LinkedIn

- **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 Hack the Box, Saturdays
  - Women in MICS-3rd Thursdays
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 ...
You’re Invited

Ongoing Events

#CoffeeHouse
Saturdays
9:00 am - 10 am PST

#Hack-the-Box
Saturdays
10 am - 11 am PST

#Women-in-MICS
August 19th
5:30 pm - 6:30 pm

MICS Meet and Greet
Wednesday
September 1st 2021
5:45 pm - 7:10 pm PST
Upcoming Career Webinars

Get Your Resume Through the Three Hiring Gates!
Wednesday, September 15, 2021
5:30 pm - 6:30 pm PST

LinkedIn Profile Privacy Tips and Tricks to Get You Noticed!
Thursday, October 14, 2021
5:30 pm - 6:30 pm PST

Power Up Your Job Search and Networking
Wednesday, November 10, 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.