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.
"The Hottest Job In Tech"

Click on a state or MSA for more info

https://www.cyperseek.org/heatmap.html
Cybersecurity Job Market—COVID

- Job market has nearly doubled since August; Demand for talent is cyber jobs **110,385** Jan 2022 to **181,300** in 2030 in USA (**69,137** posted in August 2021 – to **117,360** May 2022 on LinkedIn)
- 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
Cyber Career Outlook

- 66% of info security departments report they are understaffed
- In 2022 a 3.5 million gap expected globally*
- Global cybersecurity spending to exceed $1.75 trillion from 2021-2025 -15% Y-O-Y growth anticipated*

*New York Times and Cybersecurity Ventures
UC Berkeley Named #1 Online Master's in Cybersecurity

1. University of California–Berkeley
Berkeley, CA

The University of California–Berkeley doesn't require applicants to submit a GRE score to qualify for admission into its online master's degree program in information and cybersecurity. Last year, students accepted into this program had a 3.46 undergraduate GPA and 10 years of work experience, on average. International applicants are required to submit TOEFL scores and the program has a one-year retention rate of 95%. Two letters of recommendation are required for the 27 credit-hour program.

<table>
<thead>
<tr>
<th>Acceptance Rate</th>
<th>Average Undergraduate GPA</th>
<th>Credits Required to Graduate</th>
<th>Enrolled</th>
<th>Tuition</th>
</tr>
</thead>
<tbody>
<tr>
<td>36%</td>
<td>3.46</td>
<td>27</td>
<td>100</td>
<td>$50,699</td>
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MICS Graduate Outcomes, Observations

- May make job changes any time...while in the program or several months after graduation

- Frequently move between technical, policy, management and roles

- Students and alumni working in industry, government, consultancy, and defense
US Alumni Salary Data 2021*

- Salary range $98K – $450,000
- Median Salary – $200,000
- Additional Benefits—Health, Yearly /performance bonus, 401 K, Tuition, Moving Expenses RSU/Stock, Signing bonuses

* 48% 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
Experienced 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 (CTO)
- Chief Information Security Officer (CISO)
- Chief Information Officer (CIO)
MICS 2021 EMPLOYERS

Based on career surveys and LinkedIn analysis of graduates through December 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
- MICS Alumni Council
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 the 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”

“After I completed MICS, I felt that I had outgrown my job”
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
Join the MICS LinkedIn Page

UC Berkeley School of Information MICS Alumni, Students | Master of Information and Cybersecurity

142 members
Including Hakeem Oseni and 123 other connections

Invite connections

About this group
Fostering a strong and supportive community network for UC Berkeley School of Information Master of Information and Cybersecurity (MICS) alumni by facilitating professional exchange of information and knowledge.
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 …
...Your Experience

CyberForce Competition

Top Golf

DefCon

Big Game

Capstone
Upcoming Career Webinars

Hacking the Cybersecurity Resume!
September 21, 2022
5:30 pm - 6:30 pm PST

How to Land a Cybersecurity Job
October 25, 2022
5:30 pm – 7:00 pm PST

LinkedIn Profile Privacy Tips to Get You Noticed!
November 16, 2022
5:30 pm - 6:30 pm PST

https://www.ischool.berkeley.edu/careers/students/events
You’re Invited

MICS Ongoing Events

#CoffeeHouse
Saturdays
9:00 am - 10 am PST

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

“Nothing will work unless you do.”

Maya Angelou
Thanks For Joining!

Opportunities don't just happen. You create them.