

I School Career Services Overview

Mary McHale
MICS Career Advisor

Rebecca Andersen
Director of Career Services & Alumni Relations

Agenda

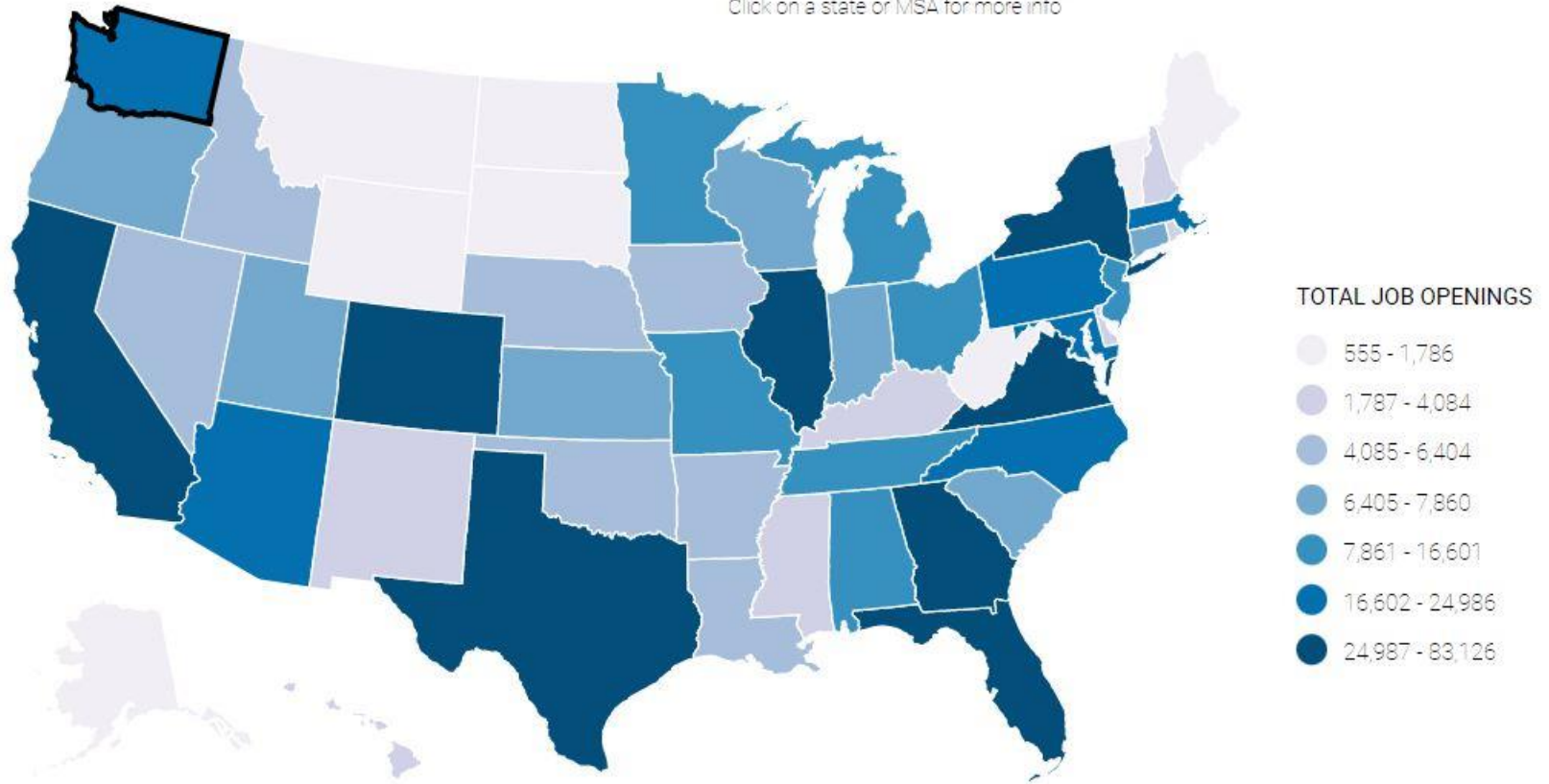
- Career Outlook and Outcomes
- Career Services
- Job Search
- Maximize I School experience



Career Outlook & Outcomes

"The Hottest Job In Tech"

Click on a state or MSA for more info



<https://www.cyberseek.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



Sen. Bernie Sanders (I-VT) walks with Senate Majority Leader Chuck Schumer (D-NY).

- 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

FORTUNE | EDUCATION

ARTICLES RANKINGS ▾ MORE ▾

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.



Getty Images

| ACCEPTANCE RATE | AVERAGE UNDERGRADUATE GPA | CREDITS REQUIRED TO GRADUATE | ENROLLED | TUITION |
|-----------------|---------------------------|------------------------------|----------|----------|
| 36% | 3.46 | 27 | 100 | \$50,699 |

[GET MORE INFO](#)

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

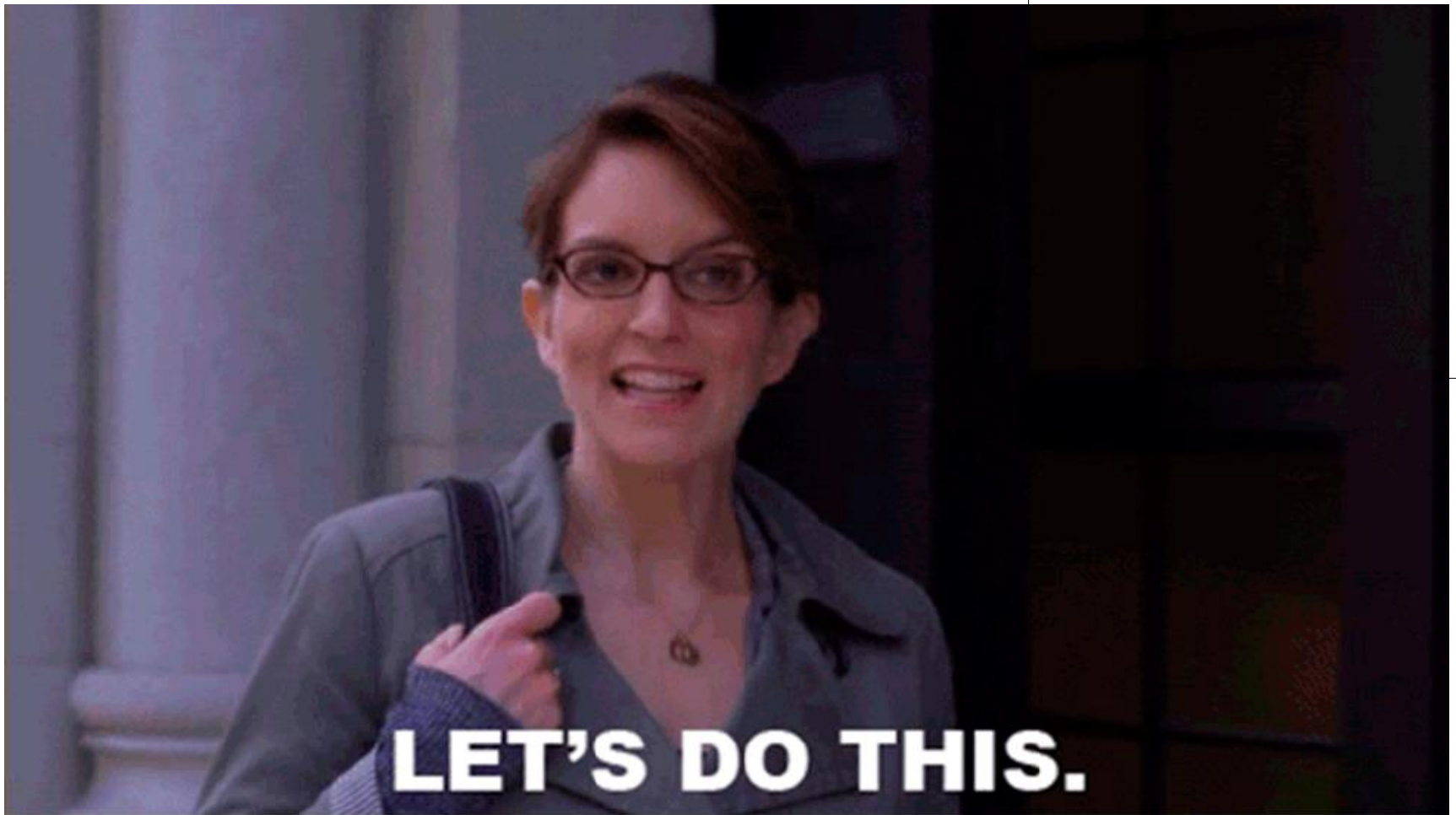
“During the program you will be knee deep and stressed but when you emerge, will understand the breath of programs risk, 3rd party, privacy, IOT, and regulatory–will quadruple your understanding across the spectrum”

“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.”



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>

Career Advising

The Career Services staff is available for one-on-one career advising appointments. During your advising appointment we can focus on:

- **Career exploration:** examine various career paths and what might be a good fit for you
- **Getting a job:** review your resume and/or cover letter; discuss networking strategies and potential helpful contacts
- **Personal brand:** get feedback on your elevator pitch or online presence; look at your values & strengths to see what makes up your personal brand
- **Career basics:** learn skills and practice interviewing, negotiation, job search, etc.
- Whatever questions, thoughts, challenges, ideas you have!

Would you like us to review your resume, cover letter, or LinkedIn profile? [Just send us what you want us to review](#), and we will get back to you in about a week.

[More information](#)

Make an Appointment

MIDS Students

[MAKE A MIDS ADVISING APPOINTMENT](#)

Log in with your bCal or Google account. Don't find any times that work for you? Email mids_careerservices@ischool.berkeley.edu to request an alternate time, and we will do our best to accommodate you.

MICS Students

[MAKE A MICS ADVISING APPOINTMENT](#)

Log in with your bCal or Google account. Don't find any times that work for you? Email mics_careerservices@ischool.berkeley.edu to request an alternate time, and we will do our best to accommodate you.

Cancellation Policy

In the rare case that we need to reschedule your appointment, we commit to providing you with at least 24 hours cancellation notice. We ask that you try and provide the same notice if you need to reschedule; thank you!

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>

Resume, LinkedIn, or Cover Letter Reviews

Would you like your resume, LinkedIn profile, or cover letter reviewed?

Name *

Email *

Degree program *

- Select your degree program - ▾

What would you like us to review?

Resume (upload)

Files must be less than **24 MB**
Allowed file types: **pdf doc docx**

Choose File No file chosen

UPLOAD

Resume (link)

If your resume is online, please paste in the complete URL.

Cover letter (upload)

Files must be less than **24 MB**
Allowed file types: **pdf doc docx**

Choose File No file chosen

UPLOAD

Cover letter (link)

If your cover letter is online, please paste in the complete URL.

LinkedIn profile

Please paste in the complete URL of your LinkedIn profile

If you would like us to review and compare alternate versions of your resume or cover letter, we're happy to. Just make a note in the "Questions or comments" field at the bottom of this form, and then re-submit the form with additional version(s) of the document.

Position you are applying for

(optional) Let us know if there are any specific positions or employers you are interested in.

Questions or comments

(optional) Let us know if you have any specific questions or concerns.

If at all possible, we try to get your review back to you within one week. Thank you!

SUBMIT

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](#)

Career Events for Students

[Log in to view selected recordings of past events.](#)

Upcoming Events

MIDS Top Employers
Sep 24, 2019, 5:30 pm to 6:30 pm
For MIDS & MICS students. Are you thinking of making a job or career change during or after your degree program? We can help!

Career Services Overview
Sep 24, 2019, 5:30 pm to 6:30 pm
For MIDS & MICS students. Are you thinking of making a job or career change during or after your degree program? We can help!

Resume Review Night
Sep 25, 2019, 6:00 pm to 8:00 pm
A fun evening of networking and resume-review speed-dating with employers and alumni.

Berkeley SCHOOL OF INFORMATION

ABOUT PROGRAMS COURSES PEOPLE RESEARCH CAREERS NEWS EVENTS

Search filters

Category: Type:

Job Title: Company:

Description: Post date:

SEARCH

Job Listings

Careers

For Employers

For Students

- Events
- Resources
- Leadership Development Program
- Advising
- Resume Review
- Resume Book
- Job Board**

Job Notifications

Sign up for automatic email notification of new job posts.
Email alerts will be sent to you at macymchale@school.berkeley.edu

CLTC Center for Long-Term Cybersecurity UC Berkeley

ABOUT PROGRAMS NEWS EVENTS JOB BOARD PUBLICATIONS

Jobs, Internships, and Opportunities

Submit a Job

Job Type: City: State: Country: Education Level:

CLTC Jobs Non CLTC Jobs All

Show entries Search:

| Organization | Position Description | Type | Location | Deadline |
|--------------|--|-----------|-------------------------|--------------|
| Xerox | Security Engineer, Threat Intelligence | Full-Time | Palo Alto, California | Until Filled |
| Cognizant | Enterprise Risk & Security Solutions Analyst | Full-Time | Teaneck, New Jersey | Until Filled |
| Netflix | Security Operations Manager | Full-Time | Los Angeles, California | Until Filled |

I School Job Board

Subscribe to the I School Job Board

- New opportunities

- Share job posts or internships at your company

The screenshot shows the Berkeley School of Information I School Job Board interface. At the top, there is a navigation bar with links for UC Berkeley, Support the I School, Contact Us, Alumni, Intranet, My Settings, and a search icon. Below this is the Berkeley School of Information logo and a main navigation menu with links for ABOUT, PROGRAMS, COURSES, PEOPLE, RESEARCH, CAREERS, NEWS, and EVENTS. A social media bar includes icons for Facebook, Twitter, and LinkedIn. The main content area features a 'Search filters' section with input fields for Category (Cybersecurity), Type (Career), Job Title, Company, Description, and Post date (-6 months). A 'SEARCH' button is located below these filters. To the right, a 'Careers' sidebar lists resources for employers and students, including Events, Resources, Leadership Development Program, Advising, Resume Review, and Resume Book, with a 'Job Board' link. Below the search filters, there is a 'Job Listings' section with a 'Sign up for automatic email notification of new job posts' prompt, stating that alerts will be sent to marymchale@school.berkeley.edu. A list of job postings is displayed, including 'Graduate Student Domain Consultant (UC Berkeley Research IT)', 'Data Scientist 2 (Microsoft)', 'Research Assistant (Cyber Policy Center)', 'Various roles: UX Design, Engineering, Data Science (InVision)', 'Senior Application Developer (Data Engineer (LA County Department of Public Health))', and 'Data Scientist, Machine Learning Evaluation (Adobe)'. Each listing includes details like location, type, and posting date. On the right side of the job listings, there is a filter section with a 'All job postings' checkbox and a grid of checkboxes for various categories such as Academia & Professorships, Analytics, Artificial Intelligence, Berkeley GSI/GSR Jobs, Business Strategy, Consulting, Cybersecurity, Data Engineering, Data Science, Information Architecture and Organization, Information Policy, Information Visualization, Librarianship, Machine Learning, Management, Other, Product Management, Project Management, Software Development, and User Experience Design and Research. At the bottom right, there is a 'Notification frequency' dropdown set to 'Daily digest' and a 'SUBSCRIBE' button. A 'Have a Job to Post?' link is also visible at the bottom right.

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

The screenshot displays a Slack interface for the UC Berkeley School of Information. On the left, a sidebar lists various channels including # cyber-news, # cybersecurity, # events, # humor, # introductions, # jobs-and-internships, # mics, # mics-alum, # mics-alumni-board, # mics-announcements, # mics-immersion-april-2021, # mics-immersion-march2020, # mics-meet-greet-fall-21, # micsmentor, # micsstudentreps, # mids-announcements, and # no-stupid-questions. The main channel view is titled '# cyber-news' and shows a news feed. The first post is from 'Pascal' at 2:16 PM, sharing a link to a BleepingComputer article titled 'Secret terrorist watchlist with 2 million records exposed online'. The article text states: 'A secret terrorist watchlist with 1.9 million records, including "no-fly" records was exposed on the internet. The list was left accessible on an Elasticsearch cluster that had no password on it. (190 kB)'. Below the text is an image of the US Capitol building at night with a 'CAUTION' sign in the foreground. The second post is from 'Pascal' at 3:06 PM, sharing a link to a vice.com article titled 'T-Mobile Investigating Claims of Massive Customer Data Breach'. The article text states: 'Hackers selling the data are claiming it affects 100 million users. (146 kB)'. On the right, a user profile for 'Mary McHale' is shown, identifying her as a 'Career Advisor, MICS'. Her profile includes a photo, a status icon, and options to 'Set status', 'Edit profile', and 'More'. Below the photo, her display name is 'Mary McHale', her local time is '6:07 PM', her email address is 'marymhale@ischool.berkeley.edu', her school role is 'Staff', her employer is 'UC Berkeley, School of Information', and her job title is 'Career Advisor, MICS'.

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

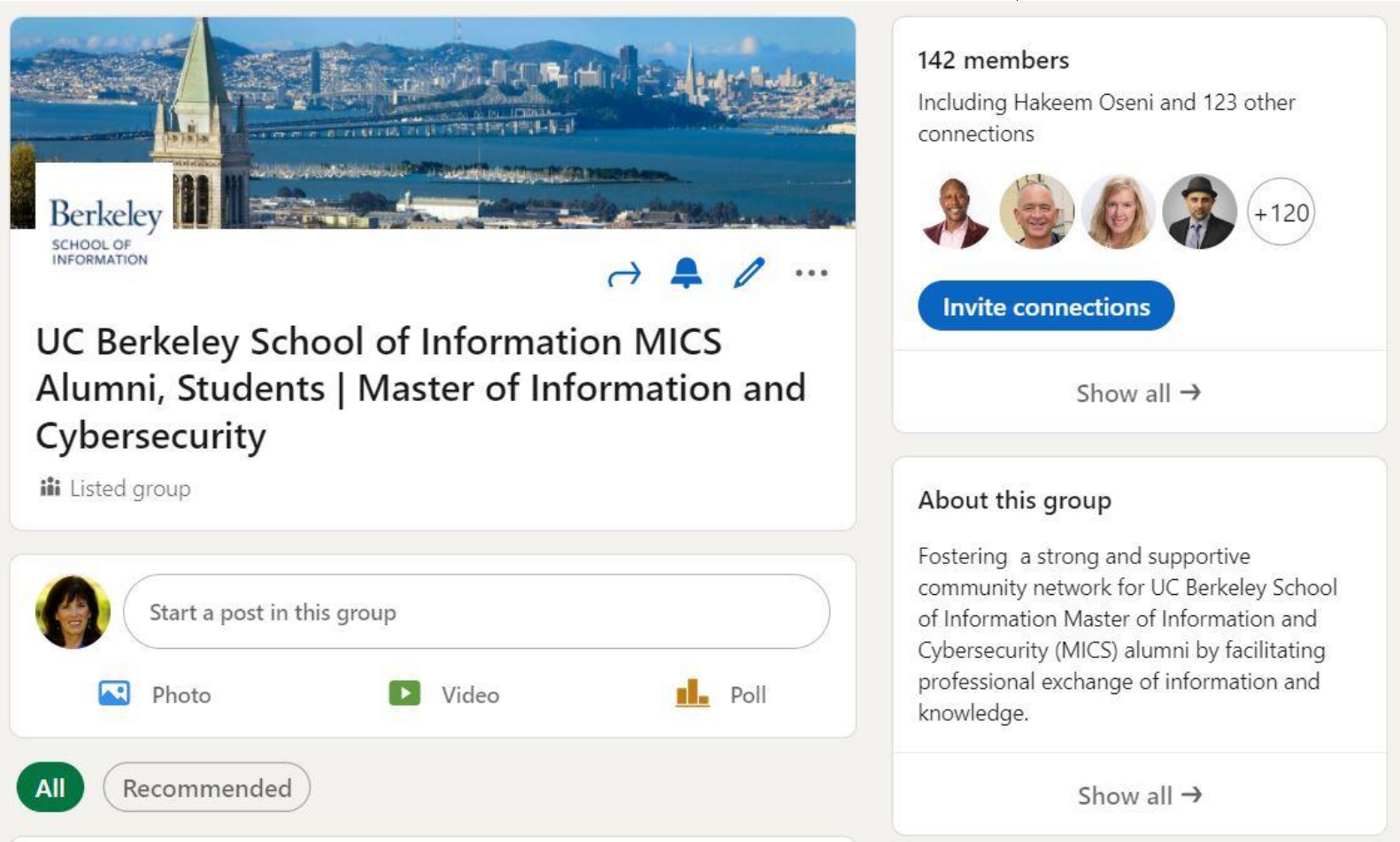
- Slack Channels e.g. *#careers*, *#cybersecurity-jobs* *#jobs-and-internships*,
- MICS Coffee House, Saturdays
- MICS Hack the Box, Saturdays
- Women in MICS-3rd Thursdays

The screenshot displays the LinkedIn page for the UC Berkeley School of Information. At the top, the school's name and logo are visible, along with a brief description: "The School of Information creates knowledge and advances practice wherever people interact with information & technology." Below this, it shows the location (Berkeley, CA) and follower count (7,760). A section titled "Alumni" features three bar charts:

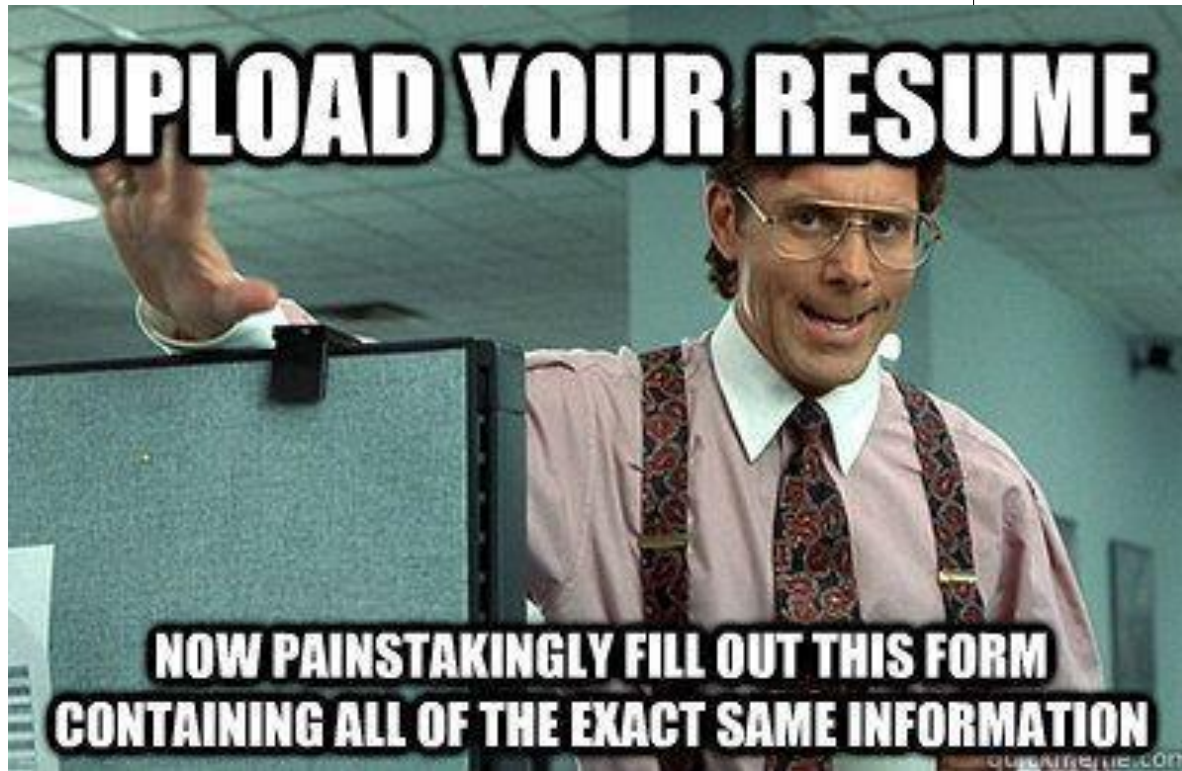
| Where they live | Where they work | What they do |
|---------------------------------|---|------------------------------|
| 695 · United States | 34 · University of California, Berkeley | 205 · Engineering |
| 419 · San Francisco Bay Area | 23 · Google | 170 · Information Technology |
| 44 · Greater New York City Area | 16 · UC Berkeley School of Information | 125 · Business Development |
| 32 · Greater Seattle Area | 12 · Salesforce | 76 · Research |

Below the charts, a grid of alumni profiles is shown, including Heather McPherson (Technology executive), Alex Smolen (Director of Security at LaunchDarkly), Vinicius Da Costa (SVP Cyber Security Research at Bank of America), James Black (Google Cloud Security), RuthAnne Bevier (Chief Information Security Officer at Caltech), Juan Diego (IT Security Specialist at MYDLP), Alberto Melgoza (Data Scientist at Accenture), and Kevin Y. (Security Consulting Manager at Accenture).

Join the MICS LinkedIn Page



The image shows a screenshot of a LinkedIn group page for the UC Berkeley School of Information MICS. The page features a header image of the Berkeley campus with the text "Berkeley SCHOOL OF INFORMATION". Below the header, the group name is "UC Berkeley School of Information MICS Alumni, Students | Master of Information and Cybersecurity", and it is identified as a "Listed group". On the right side, it shows "142 members" and "Including Hakeem Oseni and 123 other connections". There is a button to "Invite connections" and a "Show all" link. The "About this group" section describes it as a community network for MICS alumni. At the bottom, there is a "Start a post in this group" section with options for "Photo", "Video", and "Poll", and a filter for "All" and "Recommended".



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



IMMERSION



Maximize ...

...Your Experience



CyberForce Competition



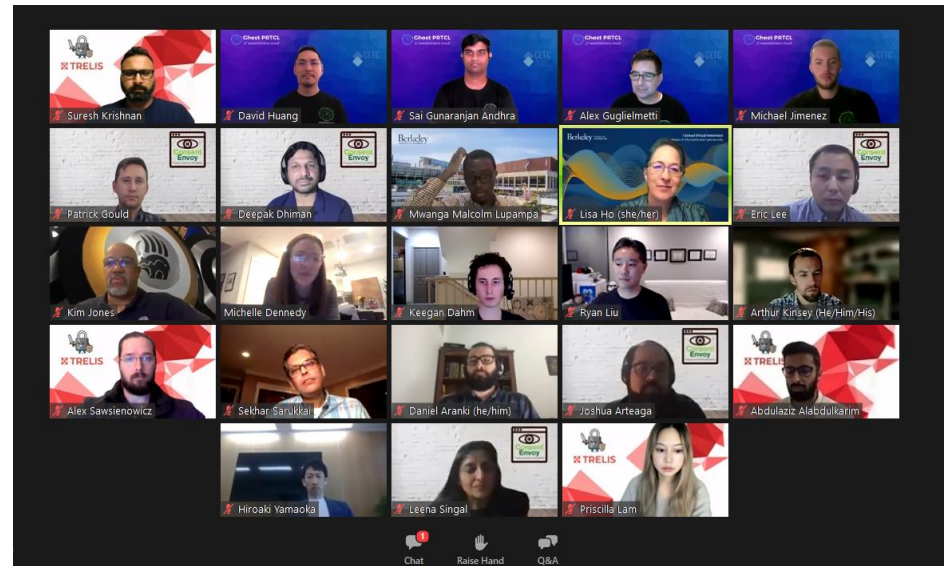
DefCon



Big Game



Top Golf



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!

