

SAN JOSÉ STATE UNIVERSITY

powering SILICON VALLEY

Dept. of Computer Science

Admitted Spartan Day

How to Succeed and Have Fun!

Melody Moh, Chair

Ben Reed, Assist. Professor

Rula Khayrallah, UG Coordinator

Mike Wu, Assist. Professor

Teng Moh, Assoc. Chair



Agenda

- **Introduction of Panelists**
- Brief Introduction of the Dept. of Computer Science and Clubs
- FAQ
- Open Q&A
- Conclusion



Faculty Panelists

- Ben Reed
- Rula Khayrallah
- Teng Moh
- Mike Wu



Faculty Panelists



- **Prof. Ben Reed** came to our department to fulfill his dream of being a professor after a couple of decades in industry.
- He got his PhD from UC, Santa Cruz. This is his 4th year here.
- Ben's son is currently attending SJSU in CS.
- Zoom into his office hours his faculty website if you have more questions.
- He's always looking for students for the programming team and research projects! You are invited to the 4/30 local contest: <https://www.sjsu.edu/people/ben.reed/contest/>)

Faculty Panelists



- **Prof. Rula Khayrallah** is our BS-CS Coordinator.
- She is probably the most important, most helpful person for you throughout your UG grad. study.
- She is also one of the most popular instructors in the Dept. She teaches courses in AI, Python Programming, Prog. Languages.
- She is passionate about encouraging and supporting women in computing.
- **Prof. Teng Moh** has been the Assoc. Chair for about 10 years, so he is very familiar with the SJSU and Dept policies. Teach mainly grad courses.

- **Prof. Mike Wu** is the **Google** Faculty in Residency at SJSU, the faculty advisor of the SJSU Hackathon Club, and our advisor of the CS Study Tutoring Lab.
- He got his Ph.D. in Computer Science from Texas A&M University and Master in Computer Science from the US Air Force Institution of Tech. at Wright-Patterson Air Force Base, Dayton, Ohio.
- He hosts several **Google** Technical Workshop events each semester, such as Resume Writing Workshop, Mock Technical Interview, and Hackathon coding competition events which are very useful for your future job search.
- He also refers/recommends our CS students to **Google** for summer internship and full-time software engineer jobs via **Google's** Internal Referral System each year.

Student Panelists

- Caitlyn Chau
- Charlotte Zhang
- Hoc Can Huynh
- Jonathan Tshimpaka
- Isita Bagayatkar



Student Panelist: Caitlyn Chau



- I am a 4th year CS major with a minor in Sustainable Energy and I am graduating this semester.
- I commuted during my first two years and I originally found it difficult to find a community/make friends or relate to my male classmates.
- I've always worked part-time jobs while being a student. I currently work as a Software Developer Co-Op at IBM.
- After joining SWE, I found a great community of women and gained a lot of personal growth, professional development, and most importantly, confidence to succeed as a woman in CS.
 - Leadership development, internship offer from attending WE19 Conference, practice public speaking, writing professional emails.

Student Panelists: Charlotte Zhuang



- I am a third year computer science student with minors in math and philosophy.
- I do competitive programming and am somewhat active in SCE, a software and computer engineering club at SJSU.
- I've also lead a dev team at SCE before interning at Amazon Devices last summer.
- I'm excited to meet you all next Fall if you decide to come to SJSU!

Student Panelists: Hoc Can Huynh



- I am a CS senior graduating in December
- I am curious about everything in Software Engineering but my main interests are backend development, database and distributed systems
- I enjoy learning about new technologies and applying them to personal projects
- I was able to land a summer internship at Apple as a software engineer which I am really excited for since it'll be my first time working at a MAANG company.

Student Panelists: Jonathan Tshimpaka



- I am a CS major, I started at SJSU as a transfer in Fall 2019 and this is my last semester.
- During my college time, I have had the opportunity to intern at 3 places: Quibbl.me, Intuit, and Google; and I learned a lot through those experiences.
- Currently working as a Tutor here on campus with Peer Connections.
- I am also one of the session leads for Hoplite, which is a club that focuses on interview prep.
- Some of the things I like to do in my free time are working out, playing sports(mainly basketball), and playing the piano.

Student Panelists: **Isita Bagayatkar**



- I am a junior CS major and Economics minor
- Cofounder Developer at a startup Xircle
- VMware Intern for two years in SWE and ML roles
- Dev Lead at the Software and Computer Engineering Society (SCE)
 - Leading fullstack and machine learning projects
 - Organized a tech conference and mentorship program through SCE
 - Experience with competitive programming and hackathons

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Brief Intro to CS Dept and Clubs

- Refer to the Dept website
 - BSCS Program
 - Advising Page
 - Roadmap to complete the program in 4 years
 - FAQ Page
- Clubs
 - CS Club, Girls Who Code College Loop, SWE, SCE Club, Competitive Programming, HopLite, Machine-Learning Club, Cybersecurity Club, etc.



CS Club (Ben)

- Purpose: To create a space for students to connect and grow their technical skills outside of the classroom:
 - Providing personal and professional development workshops
 - Giving students opportunities to put impressive projects on their résumés
 - Conducting mock interviews
 - Hosting company tours, and connecting students with more professionals in the industry.
- Whether you just want to know what coding is, or need help getting an internship, everyone is welcome in the CS Club!
- We may share some photos from our Hackthon, etc.
- <https://linktr.ee/SJSUCSClub>





Our goal is to create a safe space where everyone can learn, create, get to know one another, and build lasting connections.

ALL MAJORS WELCOME. ALL PEOPLE WELCOME.
WE ARE A SAFE SPACE FOR EVERYONE :)



Looking for a safe space to network with others, learn about programming, and participate in panels on a wide range of topics — not just tech? Then check out the

SJSU GIRLS WHO CODE COLLEGE LOOP

The SWE Society of Women Engineers (Caitlyn)

- Established at SJSU in 1978. Mission: to empower women to achieve their fullest potential as engineers and leaders.
 - More than 50% of members are Computer Science majors.
- Offer three types of events:
 - **Community Building:** Big/Little program, weekday socials, alumni events.
 - **Professional Development:** Company info sessions, Evening with Industry, Networking Dinner, resume reviews, panels.
 - **STEM Outreach:** Volunteer at WOW! and SWE++ (Middle School.
 - Leadership development: 5 E-board, 9 Directors, 30 Chairs.
- Paid sponsorship to attend the national WE Conference.
- Access to clubroom in ENGR 242 (Free food, printing, lockers, etc.)
- Check out our New Member Handbook to get involved: <https://tinyurl.com/swe-new-member>

Software and Computer Engineering Society (**Isita**)

SCE's mission is to expose SJSU's next generation of engineers and computer scientists to technologies, opportunities, and connections not typically provided in classrooms.

Dev Team: works on a variety of projects using skills and technology to help them get a kickstart in their careers. The exposure that the development team provides helps officers land job and internship offers at top-notch companies.


Events:

- company info sessions and tours - members are exposed to internship and job opportunities to help them explore different career routes and their requirements to help them reach their goals
- mock interview sessions, resume reviews, and industry panels - members become well equipped with the tools and knowledge to help them succeed in the workforce

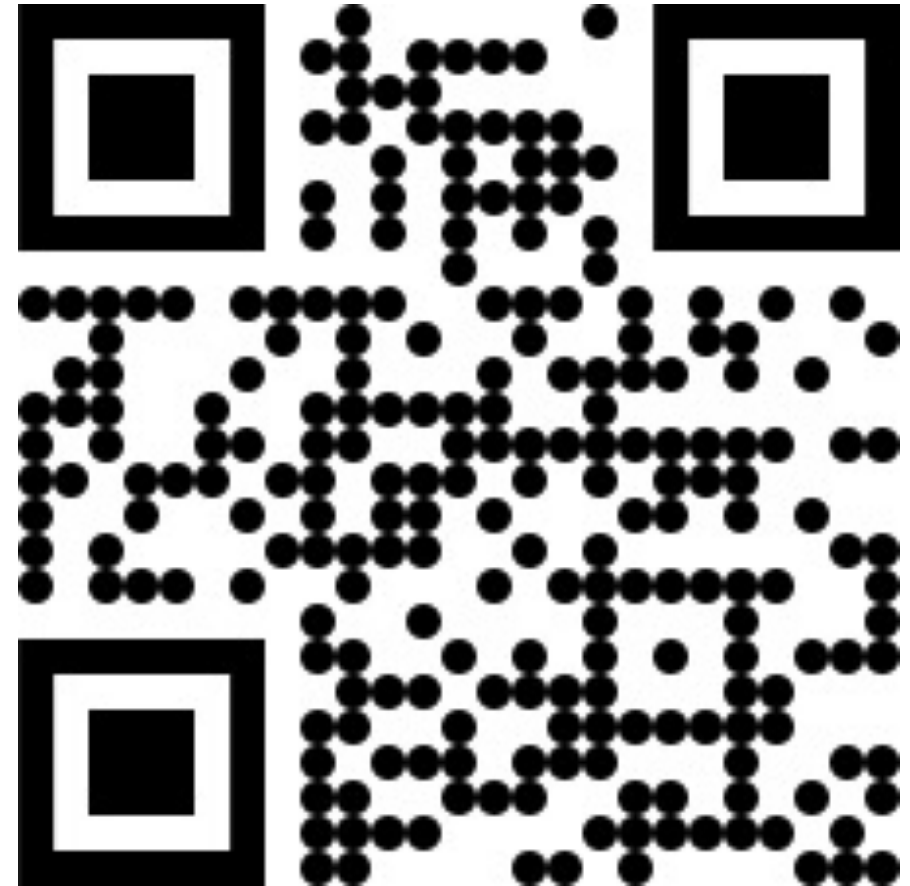
Competitive Programming!!! 🤖

(Charlotte) #

like a gym for your mind

- no coding experience required
- ace technical interviews for internships
- we have pizza 🍕
- join our server for more info 
discord.gg/2Yebgz7

scan to join the discord server



HopLite Club (Jonathan)

- Purpose: To help students master the foundational data structures and algorithms in order to excel in technical interviews and land competitive offers.
- We also strive to foster a sense of community and help students build a strong network with motivated peers.
- What we do:
 - Host 90 minute meetings every week where we go over the kinds of problems that are asked in technical interviews
 - Host panels and workshops to help members connect with alumni and get insight on landing a job at their dream company
- Our members and alumni have gotten offers from: Microsoft, Amazon, Google, Facebook, Salesforce, VMWare, Adobe, HPE, Cisco, Twitch, JP Morgan, and many others!



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- Introduction of Panelists
- Brief Introduction of the Dept. of Computer Science
- **FAQ (with Student Panelists)**
 - **FAQ on Courses, Academic Resources**
 - **FAQ on Campus Lives, Clubs, Interviews, Internships**
- Open Q&A
- Conclusion



FAQ (Academics)

- Is it possible to graduate in 4 years? (Charlotte, Caitlyn)
- How do I know what classes I should take? (Isita)
- Getting into the classes I need? (Charlotte)
- What are the most important classes? (Can)
- How challenging is the coursework? (Jonathan)
- What resources are available for support in any of the CS classes: TAs, Peer connections, CS Study Lab, COSAC tutors? (Jonathan, Mike)
- Class sizes? (Caitlyn)
- Modality of classes? (Melody)
- How was your experience with online/distance learning? (Caitlyn)
- How can I explore sub-categories of CS (such as bioinformatics, AI, etc.) (Can)
- Choosing a minor or double major? (Caitlyn, Charlotte)



FAQ (Campus Life, Clubs, Internships)



- **What sets apart SJSU's CS Department from other universities? (Ben)**
- **How is campus life? (Charlotte)**
- **What are the best ways to meet other students with similar interests? (Charlotte)**
- **What clubs should I join? (Caitlyn, Charlotte, Isita)**
- **What resources are available on campus in order to help students get an internship? (Jonathan, Caitlyn)**
- **How has your experience at SJSU prepared you for your future career? (Charlotte, Isita)**
- **What are your plans after graduation? (Caitlyn)**
- **What are your most memorable experiences at SJSU? (Caitlyn, Isita)**

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