

## ABOUT ME

I am a software engineer and design thinker. My unique ability to combine cutting-edge full-stack development techniques with innovative UI/UX design has led to numerous successful partner projects with organizations around the world from non-profits to startups. In 2019, I will be joining Cisco as a software engineer.

## EDUCATION

### Stanford University

M.S. in Computer Science, 2019  
Specialization in Human-Computer Interaction  
4.052 GPA, Stanford HCI Group

### University of California, Irvine

B.S. in Computer Science, 2017  
Specializations in Information & Algorithms  
3.993 GPA, Summa Cum Laude, Honors in ICS

## TECHNICAL SKILLS

**Python** | 5+ years, 8+ courses, 4+ projects, tutor experience  
**JavaScript** | 2+ years, 1+ courses, work experience  
**C/C++/Java** | 2+ years, 2+ courses, 1+ projects

**HTML/CSS** | 4+ years, 3+ courses, work experience  
**SQL/MySQL** | 3+ years, 3+ courses, work experience  
**Others** | MEAN Stack, UI/UX Design, Unity/C#, Xcode/Swift

## WORK EXPERIENCE

### Software Engineer II | Cisco

Aug 2019 – Present

- Work with the collaboration technology group on the Cisco Webex platform developing solutions focusing on scale, reliability, and quality.
- Leverage the latest WebRTC technology to deliver the best end-to-end audio, video, and content sharing experiences for customers.

### Software Engineering Intern | Visa

Jun 2018 – Sep 2018

- Participated in daily design review and development scrum meetings to help plan and execute action items on stories and defects.
- Worked with a team to resolve hundreds of service catalog items involving issues related to ambiguous titles and short descriptions.
- Created an automated attestation scheduled job with ServiceNow API that administers assessments to CI owners for CMDB certification.
- Played a key role in porting an AngularJS-based CI Viewer to the Service Portal that queries and updates application services.

### Programmer Analyst Intern | UCI Office of Information Technology

Apr 2015 – Aug 2017

- Evaluated and composed reports for hundreds of database tables during the company's migration from Talend to Informatica.
- Developed dozens of Informatica ETL mappings, sessions, and workflows as part of the Legacy ODS Conversion project.
- Updated the Data Warehouse website with new content including resolving security issues caused by SQL injection and session attacks.
- Upgraded the online query-by-example ad-hoc tool in the DWH BLISS Enhancement project with various functionality additions.

## FEATURED PROJECTS

### Elevate | Stanford Software Fair

Programmer/Designer

Elevate is a mobile web platform to help the formerly incarcerated navigate through the job application process from start to finish with a focus on ease-of-use and accessibility.

Awards: 1st Place, Google Prize, Facebook Honorable Mention, Palantir Prize

### QuizBot | Stanford Interaction Design Lab

Programmer/Designer

Quizbot is a Messenger chatbot powered by artificial intelligence to help students learn factual knowledge through conversation. Part of the Smart Primer Project under Dr. James Landay.

Presented at: CHI 2019

### AR Manufacturing Demo | UCI Institute for Software Research

Programmer/Designer

The AR Manufacturing Demo is a head-mounted AR application that demonstrates the feasibility of just-in-time augmented learning for use in the assembly line manufacturing context.

Awards: UROP Fellowship Award

### Bubble Buddy | Autism App Jam

Programmer/Designer

Bubble Buddy is a web-based virtual communication companion designed for young children with autism who struggle with communication, identifying emotions, and learning by interacting with them using typical everyday conversation.

Awards: 2nd Place, Hype Award