

# Richard Chen

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Website: [richardchen.me](https://richardchen.me)

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## — EDUCATION

**University of California, Irvine** | B.S. Computer Science | Major GPA – 3.53/4.0 June 2020  
**Relevant Coursework:** Project in Data Management, Data Structures, Algorithms  
**Activities/Achievements:** Dean's Honor List, Urban Mótus, Alpha Phi Omega

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## — EXPERIENCE

**IT Security Full Stack Developer** | *UCI OIT* | Irvine, CA Jul. 2019 - Feb. 2020

- Revamped user interface for UCI's login page used by over 30,000 UCI students and faculty
- Refactored Java code and tables in MySQL to provide critical information in EIR reports
- Increased efficiency in deliverables for phishing test statistics using Excel lookup tools to automate sheets

**Webmaster** | *UCI APO* | Irvine, CA Sep. 2018 - Sep. 2019

- Eliminated website security vulnerabilities prone to SQL injection and cross-site scripting with PHP
- Updated website and attended to client issues periodically

**AppJam+ Mentor** | *Dreams for Schools* | Tustin, CA Sep. 2018 - Dec. 2018

- Worked in team of mentors in 10-week program to expose students to various programming concepts and STEM fields
- Assisted mentees in building a mobile game application on Android Thunkable platform
- Prepared weekly itinerary to ensure classroom lessons were taught efficiently and effectively

**ICS Lab Tutor** | *UCI Donald Bren School of ICS* | Irvine, CA Mar. 2018 - Jun. 2018

- Assisted students in debugging code for course projects and reinforce programming concepts
- Logged weekly reflections of lab sessions to improve interactions between tutors and students
- Tutor for the following courses: Programming with Software Libraries (Python)

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## — PROJECTS

**Fabflix - Project in Data Management**

- Full-stack Java web application simulating a movie purchasing domain
- Developed back-end, deployed with Tomcat and Amazon Web Services, managed data on MySQL with JDBC
- Integrated asynchronous movie search with jQuery autocomplete
- Languages/Frameworks: Java, MySQL, AWS EC2, Android SDK, Javascript, jQuery, Ajax, HTML, CSS, Bootstrap

**Abridge**

- Web application that finds the quickest route to a destination given start location and search query
- Developed backend server on Flask, extracted route details from JSON schema using Google APIs
- Languages/Frameworks: Python, Flask, Google Maps API, HTML, CSS, Bootstrap, Javascript, jQuery

**Personal Website**

- Created personal website from scratch to display both personal and professional life
- Website: [richardchen.me](https://richardchen.me)

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## — TECHNICAL SKILLS

**Languages:** Java, Python, C++ (Familiar), HTML, CSS  
**Frameworks:** SQL, jQuery, Ajax, Bootstrap, Flask