

# Tracey Tran

## CONTACT INFO



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626.848.2754

## TECHNICAL SKILLS

Python | C/C++ | SQL | Java | jQuery |  
Linux | Git | ReactJS | Data Structures &  
Algorithms | Android App Development  
| OOP | HTML 5/CSS | HTTP Request  
handling | REST API | AWS (EC2) |  
Object Oriented Design | Docker

## VOLUNTEERING

### Women in Computer Science (WICS)

[www.wics.ics.uci.edu](http://www.wics.ics.uci.edu)

Guided mentees through classes, coding problems and any college related questions; Engaged the students in seminars and coding challenges

### Dream for Schools, Irvine, CA |

[www.appjamplus.org](http://www.appjamplus.org)

Mentored six students through the 10-week development of an educational game android app; Introduced fundamental software development concepts including OOP and proper syntax to middle school students, giving them a foundational understanding of technology/programming

### Vice President of Risk Management for Panhellenic Sororities

<https://www.ucipanhellenic.com/>

Organized programs and awareness weeks pertaining to themes like diversity education, sexual violence prevention and alcohol education for all Greek Panhellenic organizations. Managed an initiative with the VP of Fraternities called Greek Wellness Week that reached an attendance of over 1,600 people and aimed towards spreading mental health awareness.

## SUMMARY

A recent graduate with past internship experience and extensive education in software/application development. Adept at identifying issues within existing software and creating innovative new software programs. Motivated and quick learner with strong problem-solving skills in search of a Software Engineer position

## EDUCATION

### University of California Irvine | Irvine, CA

B.S. Computer Science, Graduated August 2020

## EXPERIENCE

### UCI Student Center & Event Services | [www.studentcenter.uci.edu](http://www.studentcenter.uci.edu)

Information Technology Technician, August 2019 - July 2020

- Automated the equipment input process by crawling excel inventory sheets and implementing Python Selenium to input files into the Bluefolder management software. Reduced manual input time spent by an hour
- Provided daily technical support for enterprise software including but not limited to EMS, RoomViewer, Axis TV, Crestron services
- Employed the Crestron toolbox kit to configure light settings in 3 different buildings

### Vusar | [www.vusar.co](http://www.vusar.co)

Software Engineering Intern, June 2019 - August 2019

- Leveraged React.js to build the website interface for a library page that allowed users to manually add personalized VR objects to their account and to the company's database
- Worked on an Agile (Scrum) Development team to deliver regular updates to team members and project managers

### Covina Valley Unified School District, Covina, CA | [www.c-vusd.org](http://www.c-vusd.org)

Technology Systems Services Intern, June 2017 - August 2017

- Provided technical assistance for user support, network and programming staff to ensure each school in the district ran smoothly

## PROJECTS

### Full Stack Movie List Web Application

- Developed a web app hosted on an AWS server, supporting HTTPS, Recaptcha, interface pagination, fuzzy searching, sorting, "purchasing" and checking out of movies from valid users, based on data in a populated SQL database
- Created tables equipped with stored procedures to populate SQL database, refining lookups into the DBMS with full-text search and prepared statements
- Utilized Javascript, JQuery, AJAX/HTML for front end needs and Apache Tomcat Java Servlets and JDBC API for back-end server functions

### Search Engine (Python)

- Created a search engine utilizing an efficient tf-idf scoring system to output websites most relevant to user queries
- Crawled over 400 directories with file links containing website paths to parse and create an inverted index used for document scoring