

Justin Yu

SOFTWARE ENGINEER

Newark, CA, 94560

☎ (+408) 833-2630 | ✉ justinyu9@yahoo.com | 🏠 justinyu.me | 📷 justinyu9 | 🌐 jubyu

"Every great developer you know got there by solving problems they were unqualified to solve until they actually did it."

Education

University of California, Santa Cruz

GPA: 3.63/4.00

BACHELOR OF SCIENCE - COMPUTER SCIENCE

Sept. 2015 - Exp. Jun. 2019

Relevant Courses

Intro to Java Accelerated, Data Structures, Algorithms and Abstract Data Types, Computer Systems and Assembly Language, Computer Architecture, Introduction to Analysis of Algorithms, Computational Models, Introduction to Software Engineering, Mobile Applications, Introduction to Operating Systems, Database Systems I, Comparative Programming Languages, Web Applications.

Skills

Programming: Java, C, Javascript, Python, C++, HTML, CSS, Assembly, PHP, Commodore, BASIC, Scheme, OCaml, Smalltalk

Database: FireBase, SQL

Software: Microsoft Office, Notepad++, Sublime Text, Brackets, Android Studio, Latex, Webstorm, Visual Studios, IDLE, Eclipse, Github, Scrum

Operating Systems: Windows 10, Windows XP, Android, iOS, OSX, UNIX

Frameworks: Express.js, React.js, Vue.js, Ember.js, Node.js

Work Experience

Alarm.com

Tyson's Corner, VA

SOFTWARE ENGINEER INTERN

July. 2018 - Sept. 2018

- Refined ember add-ons by deleting devDependencies which decreased build/compile time of programs by up to 80%.
- Configured formatting using Prettier which reformats code on save.
- Enhanced User Interaction on Customer Page by using Ember.js.

Professor Abhradeep Guha Thakurta

Santa Cruz, CA

UNDERGRADUATE RESEARCH ASSISTANT

Sept. 2017 - June. 2018

- Analyze research papers relating to data privacy.
- Coordinated with Professor to further my understanding and study his work.
- Working with local differential data privacy.
- Weekly meetings with Graduate Research Assistants to discuss theorems and proofs regarding data privacy.

iD Tech

Santa Clara, CA

COMPUTER SCIENCE INSTRUCTOR

June. 2017 - Aug. 2018

- Made weekly lesson plans and modified course to fit students' needs.
- Mentored each student to create individual projects by the end of each weekly session.
- Taught high school students (ages 13-17) C++, Python, Java, HTML, CSS, Javascript, Assembly, and BASIC.

Projects

Finder

Santa Cruz, CA

FULL STACK

May. 2018

- Web Application that allows users to report lost and found items.
- Users can make an account and data will be stored in an SQL database.
- Worked on the Search Bar, forms, and storing information into a database.
- Used Web2py, Vue.js, SQL, Python, Javascript, and HTML/CSS.

Ripple

Santa Cruz, CA

FULL STACK

Nov. 2017

- Web Application that easily informs users data about politics, and allows users to rate and contact congressmen.
- Designed web page using HTML, CSS, Bootstrap, and React.
- Pulled data from ProPublica API, and stored data into a database using Node.js, express and SQL.

DormHacks

Davis, CA

BACKEND

May. 2016

- Web Application for college students to sell things to each other.
- Used Firebase to implement a working data base to allow users to sign up and sign in to make a personal profile.
- Used Bootstrap and HTML to design and format pages.