Justin Yu

Software Engineer Intern

- 12 June 1997
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Technical Skills —

Java

C

SQL

JavaScript

Python

Other Skills ——

Programming: C++, HTML, Node.js, CSS, Assembly, PHP, Commodore BASIC, Express

Database: Firebase, MongoDB

Software: Microsoft Office, Notepad++, Sublime Text, LC3Edit, Brackets, Android Studio, Latex, Visual Studios, IDLE, Eclipse, Github

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

Team Skills: Scrum

Frameworks: Express, React

Education

since 2015	Bachelor of Science - Computer Science	GPA: 3.63/4.0

University of California, Santa Cruz
Projected Graduation: Spring 2019

Relevant Coursework

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.

Awards

2015-2017	Dean's Honors
2015	Cum Laude

Work Experience

2018	Undergraduate Research Assistant	
	Professor Abhradeep Guha Thakurta	Undergraduate Researcher

- Analyze research works of professor with graduate students.
- Code in Python to implement and prove the research is fully complete and give feedback
- Studied proofs for optimizing data privacy.
- Working with data privacy and predictive text.

2017	iD Tech	
	Santa Clara University / San Jose State University	Instructor

- Taught high school students (ages 13-17) C++, Python, Java, HTML, CSS, JavaScript, Assembly, and BASIC.
- 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.

Projects

2017	Ripple	Full Stack

- 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.

2016	DormHacks (Hack Davis)	Front End

- Web Application for college students to sell things to one another.
- 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.

2016	Travel-Chat Bot (CalHacks)	Full Stack

- Chat Bot that took user input to give the user the cheapest vacation possible.
- Implemented Amadeus API to retrieve data of prices for most traveling expenses.
- Used JavaScript, CSS and HTML to design the web page.