

# Justin Yu

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## EDUCATION

### Bachelor of Science – Computer Science

University of California - Santa Cruz

- **Current GPA:** 3.66/4.00
- **Projected Graduation:** 2019
- **Honors:** Dean's Honors
- **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

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## Technical Skills

**Programming** – Java, C, C++, Python, HTML, JavaScript, CSS, Assembly, PHP, Commodore BASIC, Express

**Database** – Firebase, SQL, MongoDB

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

**Operating Systems** – Windows 10, Windows XP, Android, iOS, OSX, UNIX

**Team Skills** – Scrum

**Frameworks:** Express, React.js, Node.js, jQuery

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## Work Experience

### iD Tech – Santa Clara University / San Jose State University

6/19/17-8/18/17

#### Instructor

Santa Clara, CA

- 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.

### Professor Abhradeep Guha Thakurta – University of California, Santa Cruz

9/29/17-Current

#### Research -Mentee

Santa Cruz, CA

- Analyze research works of professor.
  - Code in Python to implement and prove the research is fully complete and give feedback.
  - Coordinated with Professor in findings and developing conclusions on theories.
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## Projects

### Full Stack

10/8/2017 - Current

#### Ripple

Santa Cruz, CA

- 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.

### Front End

5/6/2016-5/8/2016

#### DormHacks (Hack Davis)

Davis, CA

- 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.

### Full Stack

11/11/2016-11/13/2016

#### Travel-Chat Bot (CalHacks)

Berkeley, CA

- 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.