



Christian Santos

JUNIOR SOFTWARE ENGINEER

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Education

San Jose State University

San Jose, CA

B.S. COMPUTER SCIENCE

Expected Spring 2022

- Courses: Introduction to Programming, Introduction to Data Structures, Discrete Math, Calculus 1-3, Linear Algebra

Skills

Technical Skills Javascript, React, Java, Python, Firebase, Agile/Scrum Methodologies, Git, Eclipse, VS Code, Sublime Text

Languages English, Tagalog

Experience

Measure AA Bond Committee

Milpitas, CA

WEBSITE COORDINATOR

Aug. 2018 - Nov. 2018

- Created mobile ready website to improve awareness and supplying information to citizens to learn more about the measure
- Worked with committee on content and layouts for the website to promote donations and interaction
- Contacted 40 community leaders for endorsement of the measure

Oath Inc.

Sunnyvale, CA

FUTURE READY LAB INTERN

June 2018 - July 2018

- Assisted 20 peers with debugging & understanding basic JavaScript concepts such as objects, closure, and functional programming
- Lead team of 5 to create a mobile ready web application revolving around the theme of inclusion, specifically around school diversity
- Developed work-flow charts and diagrams using Agile/Scrum methodologies to ensure production team compliance with deadlines.
- Partnered with a programming mentor to learn best practices and to gauge the feasibility and overall complexity of projects.

Projects

Codebusters-Ciphers

Milpitas, CA

SIDE PROJECT

Aug. 2018 - Jun 2019

- Created software to encode and decode messages using predetermined cryptography patterns
- Manipulated arrays to encrypt and decrypt inputted messages
- Used by users in the Science Olympiad community for the Codebusters event

SimpleWay

San Jose, CA

TEENHACKS HACKATHON

September 2018

- Worked in a group with 3 other hackers to visualize a decentralized trafficking system
- Assisted in creating function for vectors to transform over time
- Obtained Honorable mention for project and \$500 scholarship for entrepreneurship

EdConnect

Fremont, CA

BASEHACKS HACKATHON

September 2018

- Worked with 2 other hackers to create a personalized grading system to help teachers understand the needs of students
- Assisted in debugging of back end algorithms
- Help create, design, and implement layout/UI of the application
- Won the First Place Math Hack award for the use of the grade predicting feature

Leadership

2017-19 **Co-Director**, Milpitas Elementary Science Olympiad

Milpitas

2018-19 **Co-director**, MHS Code Day

Milpitas

2019 **Freshman Coordinator**, Computer Science Club

San Jose