

JANSON CHIU

Millbrae, CA 94030 • jansonchiu343@gmail.com • 650-942-5297 • Website: jansonchiu.github.io

• Github: <https://github.com/jansonchiu> • LinkedIn : <https://www.linkedin.com/in/janson-chiu-b304a88b/>

EDUCATION

UC Santa Cruz

B.S. Computer Science

Expected Dec 2020

- Relevant Coursework: Introduction to Algorithms, Data Structures, Programming (JAVA), Computer Assembly Language, Applied Discrete Mathematics, and Linear Algebra

EXPERIENCE

Varilion Software

Co-Founder

September 2018– Present

- Created a CSO Tracker Application, Gym Pad, and Project Landmark app using JAVA and XML
- Organized team projects and delegated roles for team members

Tech4Good

Undergraduate Research Assistant / Fellow

January 2019– Present

- Researching under Professor David Lee in social computing using HTML, CSS, Typescript, and Angular
- Building a web-based platform to help coders build websites for non-profit organizations.

SKILLS

Programming Languages: JAVA, HTML, CSS, JavaScript, C, Typescript, C++, Python, NodeJS, YAML, XML, JSON

Software: AWS, Github, Angular, Eclipse, SQLite, Android Studio, Google Firebase, Sublime Text, MML, VS Code

Operating Systems: Windows 10, Windows 7, Unix, OSX

PROJECTS

Project Landmark

Varilion Software

Jan 2019

- Created a QR Code Scavenger Hunt Android Game, similar to GeoCaching
- Implemented a Firebase Database that holds user qr codes, images, and locations

Gym Pad

Varilion Software

Dec 2018

- Designed a gym tracker application for users to record and keep track of their gym workouts
- Implemented a SQLite Database for user workouts

Campus Security Officer Tracker

Varilion Software

Dec 2018

- Developed an Android application that allows a user to send locations of where the CSO are
- Utilized Google Firebase as a backend for locations and times

Vocal Warm Up Alexa Skill

UC Santa Cruz https://www.amazon.com/dp/B07JB8WFX8/ref=sr_1_11?ie=UTF8&qid=1539200269&sr=8-11&keywords=vocal+warmup

Sept 2018

- Created an Alexa vocal warm up skill that implements an audio-streaming ability using Node Js and JSON hosted through AWS Lambda.
- Incorporated a serverless framework, SAM, as part of the Serverless Apps for good hackathon
<https://serverlessrepo.aws.amazon.com/applications/arn:aws:serverlessrepo:us-east-1:675369106697:applications~vocal-warmup-alexa-skill>

CruzHacks

UC Santa Cruz

Jan 2018

- Used HTML, CSS, and JavaScript to create an online charades games
- Implemented a TokBox video chat API