Austin Yuan

(909) 908-8832
austinyuan2@gmail.com

austinyuan.com
linkedin.com/in/austinyuan202

EXPERIENCE

Google | Software Engineering Intern   Jun 2020 – Sept 2020
- Developing a CLI application to lookup commit differences between two operating system builds
- Building and deploying a web application on GCP, enabling internal and external users to retrieve build differences
- Working on a Gerrit plugin to locate the earliest build incorporating a given feature, assisting support workflows

University of California, Santa Cruz | Tutor & Reader   Sept 2019 – Dec 2019
- Reinforced student understanding of core Natural Language Processing concepts through hosted lab sections
- Assisted in the implementation and debugging of coding assignments using Python, SciKit Learn, and NLTK

IBM | Software Engineering Intern   Sept 2019 – Dec 2019
- Worked on a physical access management tool for monitoring privileges to 40+ data centers within IBM Cloud
- Integrated Active Directory into a compliance framework to automate compliance tracking and evidence collection
- Built internal tools to automate audit workflows, saving over $10,000 annually
- Wrote unit tests to automate tools testing using Pytest

Second Harvest Food Bank | Software Engineering Intern   Mar 2019 – Jun 2019
- Created and deployed a mobile-first web app for helping users locate foodbanks and their hours of availability
- Integrated with G Suite to generate map directions and improve accessibility for both users and maintainers

EDUCATION

Bachelor of Science, Computer Science | University of California, Santa Cruz   Jun 2017 – Jun 2020
3.81 GPA – High Honors in Major & University Honors

ACHIEVEMENTS

CruzHacks 2020 1st Place Google Cloud Category Winner | Amber Alert Dashcam App   Jan 2020
An Android dashcam app that automatically scans nearby cars for matches with active Amber Alerts. Includes a police web dashboard for tracking nearby sightings, and Notivize integration to alert police departments via email.

HackACM 2019 3rd Place Winner | UCSC Course Tracker for Alexa & Web   Apr 2019
A UCSC class lookup service to track course openings via web browser and Amazon Alexa voice assistant.

HackACM 2018 Student Utility Category Winner | UCSC Welcome Website   Mar 2018
A mobile website to connect incoming UCSC students with campus resources and activities.

SELECTED PROJECTS

Monitori – An Anti-Toxicity Discord Bot | Javascript, Node.js, VADER, SQLite
A user engagement bot built for the Discord chat platform to encourage positive engagement between users. Uses VADER to perform sentiment analysis and discourages negative messages through a points system. Serving over 10k users.

Distributed Data Storage using Docker Containers | Python, Flask
A distributed remote storage solution that stores key-value pairs in a network of Docker containers in a fault-tolerant, causally consistent manner. Added data sharding capabilities and ensured crash tolerance through data replication.

Search Engine | Python, Spacy, Natural Language Toolkit
An information retrieval system that answers user questions by creating the best excerpt from a library of texts. Employs natural language processing techniques such as dependency parsing and discourse modeling.

SKILLS

Languages:	Python, Go, Java, C, C++, Javascript, HTML, CSS, SQL, Assembly, MATLAB
Technologies:	Google Cloud Platform, React, Node.js, Django, Flask, Pytest, NLTK, Tensorflow
Software & Tools:	Git, Docker, Linux, JIRA, Make