Aaron Chen

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Github: github.com/chenaaron3   **Website**: chenaaron.com

WORK EXPERIENCE

Lockheed Martin Space / Software Engineer Intern | Sunnyvale, CA   June 2021 - Present
- Develop **python** scripts to test internal database commands.
- Integrate testing suite into a CI/CD pipeline.
- Participate in daily **scrum** meetings with a team of 8 to discuss progress and roadblocks.

L3Harris Technologies / Software Engineer Intern | Irvine, CA   July 2020 - June 2021
- Work on a **GPS Receiver** tool in **C#** under the Navigation System department.
- Integrate a **Jenkins** pipeline that generates an **HTML** report from a **SQL** Database.
- Investigate and fix bugs under a **large code base**.
- Participate in weekly **meetings** with a team of 4 to discuss progress and roadblocks.

PROJECTS

Stock Simulator / Full Stack Web Developer   July - September 2020
- Built a website that gauges the effectiveness of a technical **trading strategy**.
- Generates buy/sell **signals** and submits bracket orders to **Alpaca** online brokerage.
- Utilized **Yahoo Finance** and **MongoDB** to retrieve and cache stock data..
- Used **Recharts** library to display stock price and indicator charts.
- Deployed on a **Docker** container with **Nginx**: **LINK:** chenaaron.com/stocks

UCI Course Catalogue / Full Stack Web Developer   January - July 2020
- Worked in a team to develop a course discovery web application for UCI.
- Used **Python** Beautiful Soup library to scrape course and professor data.
- Indexed data into **Elasticsearch** for **React** frontend to query.
- Implemented endpoints on **Express** server and documented with **Swagger**.
- Deployed on a Docker container with **Nginx**: **LINK:** chenaaron.com/portal

AWARDS

Allergize / Best AI Hack | Hack UCI 2020   February 2020
- Created a mobile application using **React Native** to detect food allergens in photos.
- Integrated multiple layers of **APIs** with **Express** to classify ingredients.

ACTIVITIES

ICS Student Council / Project Lead | Irvine, CA   January 2020 - Present
- Lead a team in the **Projects Committee** to work on a course catalogue **web** application.
- Create and delegate tasks to members during weekly meetings.

EDUCATION

School: University of California, Irvine   Graduation Year: 2021
Major: Computer Science   GPA: 3.959
Coursework: Data Structure and Algorithms, Compilers, Operating System, Computer Networks, Network Security, Database, System Design, Software Engineering, Linear Algebra, Statistics, and Discrete Math.

SKILLS

Programming Languages: Python, Java, C++, C#, C, JavaScript, SQL, HTML, CSS
Technologies: Github, Jira, Express, React.js, Jenkins, Docker, AWS, Nginx