

CHASE TOYOFUKU-SOUZA

SOFTWARE ENGINEER

DETAILS

LOCATION

Honolulu, HI
United States

PHONE

808-469-7180

EMAIL

chasetoyo@gmail.com

LINKS

[linkedin.com/chasetoyo](https://www.linkedin.com/company/chasetoyo)

github.com/chasetoyo

SKILLS

Python

C++

Java

JavaScript

MySQL

Linux

Docker

Git

React

Node.js

EMPLOYMENT HISTORY

Artificial Intelligence Intern, Oceanit

Honolulu

Jun 2020 — Aug 2020

- Extended existing Firebase database to MySQL database hosted on Cloud SQL
- Created connection guide for users to connect to MySQL on various platforms
- Designed real-time dashboards on Data Studio that connected to Cloud SQL

Computer Science Tutor, Chapman University

Orange

Sep 2019 — May 2020

- Tutor small groups of students for the following courses:
- Computer Science I (Intro to Computer Science, Python)
- Computer Science II (Object-oriented computing, Java)
- Visual Programming (Building graphical UI's, C#/Visual Basic)

Software Engineering Intern, Oceanit

Honolulu

Jun 2019 — Aug 2019

- Developed a Python script for Aloha A.I. Network edge devices to communicate with Firebase
- Helped develop a REST API using Typescript to configure Firebase to receive data from the edge devices
- Assembled edge hardware prototypes
- Created a sample dashboard using Microsoft Power BI for Aloha A.I. Network subscribers

EDUCATION

Chapman University, B.S. / Computer Science

3.718 GPA

Aug 2017 — May 2021

PROJECTS

Using UAVs to Deliver Emergency Medical Supplies

Aug 2018 — May 2019

- Developed a 3D printed UAV designed to deliver emergency medical supplies to areas afflicted by natural disasters

AWARDS

Special Recognition Award #PROBLEMSOLVED

May 2019

- Recognition ceremony for the Grand Challenges Initiative at Chapman University,
- Project concerned with how to build and utilize 3D printed UAV's designed to deliver emergency medical supplies to areas afflicted by natural disasters