

Braden Betz

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EDUCATION

University of Hawaii at Manoa; 3.27 GPA

2017 - 2021

B.A., Information and Computer Sciences

Honolulu, HI

PROJECTS

Greenhouse Gas Tracker Application - <https://github.com/virtual-manoa-coders/vmc-uIIA>

- Created and linked a bar graph from Chart.js to a Mongo database that tallies the total number of times a user took a certain method of transportation (Car, Bike, Telework, etc.), and a login and password reset page
- Gained experience with software engineering through a remote setting, collaborating with a larger than typical group, and learning how to work with others to develop an application for Hawaiian Electric

Python Blockchain - <https://github.com/bradenbetz/bradenb-blockchain>

- Created a Blockchain database using Python, Flask, and Postman
- Gained knowledge pertaining to HTTP requests, Hashing algorithms, Python, Flask, and a more technical understanding of a Blockchain

Wave Forecaster - <https://github.com/bradenbetz/WaveForecaster>

- Acquired publicly available buoy data from the National Data Buoy Center to accurately predict and display wave heights at any time of day for surf spots around Oahu, utilizing React, Javascript, HTML, CSS, and jQuery

WORK EXPERIENCE

University of Hawaii Information and Computer Sciences

August 2020 - December 2020

Assistant Teaching Assistant

Honolulu, HI

- As part of the ICS 390 course, instructed one week of classes using self-assembled teaching material, coordinated weekly lab sessions to help students with Java programming assignments, and assisted students during class time

University of Hawaii Information Technology Services

March 2020 - November 2020

Help Desk Consultant

Honolulu, HI

- Answer phone and email responses to the ITS Help Desk and troubleshoot software, hardware, and networking issues over the phone
- Add and update data into the support call tracking system and monitor network operations

Mililani Town Association

March 2016 - June 2018

Lifeguard

Mililani, HI

- Worked with other Lifeguards to facilitate a protective environment by enforcing the required safety protocols

Languages/Frameworks

- C, C++, Java, Javascript, HTML, CSS, React, Meteor, and Semantic UI

AWARDS

Eagle Scout

November 2015

- Eagle Scout is the highest achievement or rank attainable in the Boy Scouts of America.