

BRENDT MCFEELEY

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SKILLS

Languages	Proficient : HTML5 / CSS, JavaScript, Python Familiar : Java, SQL, PHP
Toolsets / Frameworks	Proficient : Firebase, Git, Unix, NightwatchJS Familiar : Angular, React, REST, Node, WordPress, CucunberJS

PROJECTS

Team LoveMilkTea / Wayfinder - 1st Place : Hawaii Annual Code Challenge September 2017
devpost.com/software/ho-okele

- Worked in a team of 7 to develop a mobile wayfaring guide for the University of Hawaii in collaboration with the ITS department
- Resulted in users accurately finding buildings, eateries, and restrooms within seconds while optimizing routes taken towards their destination
- Developed marker addition, directional routing systems, and back end database structure using various Google APIs alongside Firebase Database

ManoaNow Portal November 2017 - June 2018

- Built using ReactJS to automate the uploading of client ads and events of the ManoaNow mobile application
- Helped reduced advertising client response time to under 10 minutes as well as over 80% event turn around rate

EXPERIENCE

Assistant Teaching Assistant at University of Hawaii at Manoa August 2018 - Present
Learning Emporium

- Assisted students in acquiring better understanding of programming concepts and data structures in Java
- Self directed lab sessions while teaching students how to use stacks and queues and their methods

Software Development Intern at RevaComm May 2018 - August 2018

- Developed automated behavior driven end to end test cases for production release using CucumberJS and NightwatchJS
- Worked with Jenkins GitHub pull request builders and CI/CD to help improve testing efficiency
- Built customized WordPress post submission plugin using PHP for use in web application development

Web Developer at University of Hawaii at Manoa July 2017 - Present
Ka Leo o Hawaii

- Responsible for maintaining the student media websites that collectively receive 28,000 views per month
- Developed various dynamic event and ad systems in JavaScript for the ManoaNow mobile application
- Created event and advertisement systems with JavaScript for use in our mobile application with a 31% increase in clickthrough rate

EDUCATION

Bachelor of Science in Computer Science Expected December 2018

University of Hawaii at Manoa, Honolulu, Hawaii

Extracurricular: Grey Hats at UHM (Cybersecurity), Association for Computing Machinery at Manoa (ACM)

Relevant Coursework: Software Engineering I & II, Data Science, Algorithms, AI Programming, Database Systems, Machine-Level & Systems Programming, Operating Systems, Program Structure