

# BRENDT MCFEELEY

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## EDUCATION

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### 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

## SKILLS

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### Languages

Proficient : HTML5 / CSS, JavaScript, Gherkin

Intermediate : Python, PHP

Familiar : Java, SQL

### Toolsets / Frameworks

Proficient : Firebase, Git, Unix, NightwatchJS

Intermediate : RESTful, WordPress, Node.JS, CucumberJS

Familiar : Angular, React, Ionic

## PROJECTS

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### Team LoveMilkTea / Wayfinder - 1st Place : Hawaii Annual Code Challenge

September 2017

*devpost.com/software/ho-okele*

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

### 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

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### Software Development Intern at RevaComm - revacomm.com

May 2018 - August 2018

- Developed automated behavior driven end to end test cases 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

### Assistant Teaching Assistant at University of Hawaii at Manoa

August 2017 - Present

- 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

### Web Developer at University of Hawaii at Manoa - manoanow.org/kaleo

July 2017 - Present

*Ka Leo o Hawaii*

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