

# BRENDT MCFEELEY

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## SKILLS

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

## PROJECTS

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- AI.na - 2nd Place : Hawaii Annual Code Challenge** November 2018  
*devpost.com/software/guccigang*
- Worked in a team of 5 to develop an mobile application that utilizes TensorFlow machine learning to help identify rare Hawaiian plants
  - Resulted in being able to accurately identify plants within 5 seconds to improvd identification efficiency by 60%
  - Developed backed storage structure, data searching methods, and python based web scrapers
- 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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- Assistant Teaching Assistant at University of Hawaii at Manoa** August 2018 - December 2018  
*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 Night-watchJS
  - 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 - December 2018  
*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

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- Bachelor of Science in Computer Science** 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