

# EVAN HATAISHI

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- Education**      UNIVERSITY OF HAWAII AT MANOA      08/2018 – Present  
Master of Science in Computer Science  
GPA: 4.0/4.0
- UNIVERSITY OF HAWAII AT MANOA      08/2014 – 05/2018  
Bachelor of Science in Computer Science  
GPA: 3.7/4.0
- Research**      CURRENT INTERESTS  
High performance computing, parallel and distributed computing
- WRENCH: WORKFLOW MANAGEMENT SYSTEM SIMULATION      08/2018 – Present  
*Concurrency Research Group · University of Hawaii at Manoa*  
Task clustering heuristics for scientific workflows on batch-scheduled services
- OPEN POWER QUALITY      08/2017 – Present  
*Collaborative Software Development Laboratory · University of Hawaii at Manoa*  
Design and implementation of open source hardware and software for low-cost distributed power quality data collection, analysis, and visualization
- AUTOMATED COASTAL ENGINEERING SYSTEM      10/2016 – 08/2017  
*Department of Civil Engineering · University of Hawaii at Manoa*  
Complete redesign of architecture, implementation, testing, and maintenance of a legacy coastal engineering system
- Work Exp.**      GRADUATE TEACHING ASSISTANT      08/2018 – Present  
*University of Hawaii · Honolulu, Hawaii*  
TA for ICS 332 - Operating Systems
- SR. SOFTWARE DEVELOPMENT INTERN      05/2018 – 08/2018  
*IBM Hybrid Cloud · San Jose, California*  
1. Part of an unsupervised team to design and implement a facial recognition service based off FaceNet to be added as a core Watson service

2. Memory and process management optimization for the parallel extender engine, a massive database workflow management system

FULL STACK DEVELOPER 01/2018 – 05/2018

*STAR GPS Registration · Honolulu, HI*

Convinced management to implement agile methodologies, such as Jira, to organize and improve chaotic business and development processes

SOFTWARE DEVELOPMENT INTERN 05/2017 – 08/2017

*IBM Security Performance · Austin, TX*

Developed a performance benchmarking microservice to simulate concurrent and distributed user activity for cloud-delivered single sign-on software with millions of users

SOFTWARE DEVELOPMENT INTERN 05/2016 – 08/2017

*eWorld Enterprise Solutions · Honolulu, HI*

Developed financial web applications for state departments to automate and simplify business processes – responsibilities ranged from fixing bugs to designing and building out new features

## Awards

IBM SUMMER INTERN HACKATHON - 1ST PLACE 07/2018

*face.io · Python, electronJS*

Video analysis desktop application implemented with Watson speech-to-text and sentiment analysis

UNIVERSITY OF HAWAII PRESIDENT'S GREEN AWARD 02/2018

*Open Power Quality · Collaborative Software Development Laboratory*

Agile power quality monitoring to support the UH net-zero energy mandate and microgrid operations at UH Manoa. The award is accompanied by a \$10,000 grant from the HEI Charitable Foundation.

BLUEHACK NORTH AMERICA - 2ND PLACE 07/2017

*Front Desk Hero · NodeJS, Raspberry Pi*

Help desk simulator using a QR code scanner to identify and assist users via voice

## Misc.

PROGRAMMING

C, C++, Python, Java, HTML/CSS, NodeJS

TOOLS

Docker, Git, SQL, noSQL, Agile, zeroMQ