Evan Hataishi

github.com/evan-hataishi
evanhata@hawaii.edu | 808.386.7086

EDUCATION

UNIVERSITY OF HAWAII AT MANOA

MS in Computer Science
Expected May 2020
GPA: N/A

BS in Computer Science
May 2018
GPA: 3.7

SKILLS

PROGRAMMING

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

TOOLS

Linux • Windows • MacOS
Docker • Git • SQL
noSQL • Agile

PROJECTS

FACE.IO

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

1st place at IBM Summer Intern Hackathon 2018

FRONT DESK HERO

NodeJS, Raspberry Pi
Help desk simulator using a QR code scanner to identify and assist users with voice

2nd place at Blue Hack 2017

CLASS SEARCH ENGINE

PHP, MySQL
Web application that scrapes University of Hawaii's class availability listings and persists data for easy querying

WORK EXPERIENCE

UNIVERSITY OF HAWAII | Graduate Teaching Assistant

Aug 2018 – Present | Honolulu, HI

- Teaching Assistant for Operating Systems (ICS332)

IBM HYBRID CLOUD | Sr. Software Development Intern

Jun 2018 – Aug 2018 | San Jose, CA

- Part of an unsupervised intern team to design and implement a state-of-the-art facial recognition service based off FaceNet to be added as core Watson service
- Development on the Parallel Extender Engine team to improve their DataStage workflow management system by optimizing memory and process management

STAR GPS REGISTRATION | Full Stack Developer

Jan 2018 - May 2018 | Honolulu, HI

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

IBM SECURITY PERFORMANCE | Software Development Intern

Jun 2017 – Aug 2018 | 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

eWORLD ENTERPRISE | Software Development Intern

May 2016 - May 2017 | Honolulu, HI

- Developed financial web applications for state departments to automate and simplify business processes in a cloud-based environment
- Work ranged from fixing bugs to designing and building out new features

RESEARCH

RESEARCH INTERESTS

High performance computing, parallel and distributed computing

- Most recently, I have been researching algorithms for batch-scheduled scientific workflows

OPEN POWER QUALITY | Design Team Member

Aug 2017 – Present | Honolulu, HI

Open source hardware and software for low-cost distributed power quality data collection, analysis, and visualization

- R&D for a distributed "health" microservice to monitor all of OPQ system's services and performance using tools such as protobuf and ZeroMQ

ACES | Research Assistant

Oct 2016 – Aug 2017 | Honolulu, HI

The general goal of ACES is to provide state-of-the-art computer based tools that will increase the accuracy, reliability, and cost-effectiveness of coastal engineering

- Complete redesign of architecture, building, testing, and maintenance
- Modernization from MS-DOS/FORTRAN to a bash/python based system