

Clyde James Felix

Contact

1152 Manuwa Dr.
Honolulu, HI, 96818
(808) 546-9976
felixclyde@gmail.com
linkedin.com/in/felixclyde
cjfelixx.github.io

Professional Profile

Detail-oriented Electrical Engineering student with expertise in engineering, computer programming, leading & teaching, problem-solving, and research & development. Seeking to leverage my knowledge and skills in engineering, coding, research & development, and theories & applications in concepts including but not limited to Signal & Image processing, Computer Vision, Data Science, and Machine Learning to help you with your upcoming projects.

Education

Master of Science

Electrical Engineering
University of Hawaii at Manoa,
August/2020 - Present

Bachelor of Science

Electrical Engineering
University of Hawaii at Manoa
August/2016 - May/2020

Skills

Computer:

Linux/Unix, Python,
Matlab/Simulink, C/C++, PCB,
CAD, HTML/CSS, Git/Github,
LaTeX, Visual Studio

Professional:

Technical Documentation,
Teamwork, Leadership,
Teaching/Mentoring, Data
Modeling

Extracurricular Activities

IEEE Student Hawaii Branch
January/2019 - Present

Engineer's Council UH
August/2018 - January/2019

**Medical Innovation and
Design (MIND) competition**
2019-2020

**Hawaii Annual Code
Challenge (HACC) Hackathon**
2019-2020

Work Experiences

SOFTWARE ENGINEER INTERN

Alohapay Inc. | March/2020 - May/2020

Perform as a Software Engineer intern/trainee and Lead Quality Assurance tester, including the development of react-native for Android/iOS devices, NodeJS backend applications, and python applications.

- Responsible for Product Documentation in Mobile app development.
- Developed an automated mobile testing Python script using Selenium.

UNDERGRADUATE TEACHING ASSISTANT

UH Manoa Department of Electrical Engineering | January/2020 - Present

Served as a Teaching Assistant for EE 345, Linear Algebra & Machine Learning, for 10+ 3rd and 4th year engineering students.

- Taught students Python programming and course materials.

UNDERGRADUATE RESEARCH ASSISTANT

UH Manoa Department of Physics & Astronomy | May/2019 - Present

Assisted the study of developing an efficient neutron detector.

- Responsible for constructing experimental Neutron detectors and data collections using radioactive sources.
- Created an easy-to-access Python program that analyzes voltage waveforms due to elementary particles.

UNDERGRADUATE RESEARCH ASSISTANT

UH Manoa Department of Mathematics | June/2019 - August/2019

Summer research work on Automatic Complexities, VC-dimensions, and the Fibonacci/Tribonacci sequences.

- Collaborated with undergraduate students using Python programming
- Contributed to an ISAIM conference paper and UROP presentations for the theoretical findings.

EXCHANGE STUDENT RESEARCHER

Tokyo University of Agriculture & Technology | July/2019 - August/2019

Participated in a Japan Summer Exchange Program to perform research in the engineering field.

- Developed a Brain-Computer Interface Machine Learning model using MATLAB to classify brain wave-forms whether the user is at rest or in a Motor Imagery task.
- Successfully determined a better Motor Imagery setting that will benefit stroke rehabilitation studies. Co-wrote a publication with professors for an ICASSP conference.