Christopher Nguyen

Phone: 808-343-7029   **Email:** cnguyen7@hawaii.edu
LinkedIn: chrisnguyenhi | **Github:** chrisnguyenhi | **Portfolio:** chrisnguyenhi.github.io

EDUCATION

UNIVERSITY OF HAWAII AT MANOA
Fall 2014 – Spring 2018
Bachelor's in Computer Sciences
Minor in Business Administration

Major GPA: 3.9 / 4.0
Cumulative GPA: 3.8 / 4.0

SKILLS

Proficient:
- JavaScript
- Java
- PHP
- HTML/CSS
- SQL

Experience:
- C/C++
- Python
- Swift

Tools/Libs:
- Node.js
- Cordova
- MySQL
- Git/Github

PROJECTS

Need App To Exercise
JavaScript, Node.js, Express
Facebook Messenger chatbot that recommends workouts for casual gym-goers.

Program In Pure English
C/C++
Program to translate English sentences to C code for Botball Robots.

EXPERIENCE

NASA | NASA Space Grant Consortium Fellow
Summer 2017 - Present | Python, Shell
- Building a cloud-based service to host and process lunar data from the NASA Lunar Reconnaissance Orbiter.
- Produced a map of the 'potential sublimation rate' for certain regions of the Moon to visualize and identify potential ice deposits.

IBM | Software Development Intern
Summer 2017 | JavaScript, Node.js, HTML/CSS
- Developing a dependency detection framework to automate the update and build process of 3rd party packages in Watson Data Platform services.
- Led a team of 4 following the scrum agile development methodology through daily standups and 2 week sprints as scrum master.
- Worked collaboratively with international development groups to complete comprehensive testing and quality assurance on 2 major releases.

OCEANIT | Network Security Intern
Fall 2016 – Spring 2017 | Python, Shell
- Built a 72" video wall system using open-source software, IP routing, and seven Raspberry Pis.
- Wrote scripts to generate automated alerts of the video wall's energy consumption and heat levels for each Raspberry Pi.
- Conducted high-level network assessments for external clients and state agencies.

DITTO | Software Development Intern
Fall 2015 | JavaScript, HTML/CSS
- Developed the website for Ditto, a social media startup in Blue Startups (a top 20 accelerator program in the US).
- Conducted extensive consumer research using AB testing, focus groups, and Google Analytics of user behavior.

OCEANIT | Software Development Intern
Summer 2015 | JavaScript, Node.js, HTML/CSS
- Developed an iOS and Android Customer Relationship Management (CRM) app using Cordova, Node.js, and Design Thinking.
- Refactored a geographic information system (GIS) app to include a parcel data extraction feature for damage assessments.

HAWAII DEPARTMENT OF EDUCATION | STEM Mentor
Fall 2014 – Present |
- Developed K-12 Computer Science curriculum in collaboration with 28 schools in the Kaimuki-McKinley-Roosevelt Complex Area.
- Mentored students that totaled $15,000+ in agency awards at the Honolulu District, Hawaii State, and Intel International Science and Engineering Fairs.
- Recruited high achieving students and networked them with external project mentors.

References Available Upon Request