Christopher Nguyen

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EMAIL REDACTED | PHONE NUMBER REDACTED

Agile | Innovation | Global Change

Proven scrum master with a passion for creating value with technology. Built a technical and project management reputation via internships at IBM and NASA and the ability to deliver Agile, scalable solutions via Scrum with the "Aloha Spirit."

EDUCATION

UNIVERSITY OF HAWAII AT MANOA
Honolulu, HI
COMPUTER SCIENCE
MINOR IN BUSINESS
Expected May 2018
GPA: 3.8 / 4.0

SKILLS

PROGRAMMING
Proficient:
JavaScript • Java • HTML • CSS
Familiar:
C • C++ • Python • PHP • Shell
Tools/Libraries:
Node.js • Express • MySQL
MongoDB • Cordova • Git
Swagger • Raspberry Pi

TECH MANAGEMENT
Agile • Scrum • Waterfall

PROJECTS

WAYFINDER
JavaScript, Node.js, Ionic
Wayfinder (by LoveMilkTea) is a cross-platform app to enhance navigation and event-finding using crowd-sourcing & Google Maps.
Won 1st at the Hawaii Annual Code Challenge Hackathon.

PIPE
C++, C
PIPE is an application that translates English-language sentences to C code for Botball robotics.
Best in Computer Science at the 2014 Honolulu Science Fair.

EXTRACURRICULARS
• Alexander Hamilton Scholar
• AFX Dance at UC Berkeley
• Vietnamese Student Organization at UH Manoa

EXPERIENCE

OCEANIT (DEFENSE ENGINEERING) | SOFTWARE ENGINEER INTERN
Expected Fall 2017 – Summer 2018 | Python
- Innovating a neuromorphic approach to real-time damage assessment using AI chips in collaboration with international research corporations.
- Led team of seven to develop an inexpensive, AI camera system that improves annual coffee bean harvest yields by $250,000 using OpenCV.

NASA | SPACE GRANT FELLOW
Expected Fall 2017 – Summer 2018 | Python
- Building cloud infrastructure for scientists to query temperature data from the NASA Lunar Reconnaissance Orbiter to map potential ice deposits on the Moon.
- Reduced I/O operations by 85% (6570 hours per year of data) with Amazon EC2.

IBM | SOFTWARE DEVELOPER INTERN
Summer 2017 | JavaScript, Node.js, HTML, CSS, Jenkins
- Automated the detection, sandbox, and build processes for third-party dependency updates in Watson Data Platform services using Node.js.
- Developed RESTful Express APIs to handle dependency version checks and documented them with Swagger for 8000+ Watson developers.
- Led a team of 4 through sprint plannings and daily standups as scrum master.

OCEANIT (DEFENSE ENGINEERING) | NETWORK SECURITY INTERN
Fall 2016 - Summer 2017 | Python, Shell
- Acted as an IT consultant for a government agency to upgrade the existing Windows infrastructure to improve workflow by 90% for a $30M project.
- Built a video wall system after prototyping and conducting initial feasibly tests which led to a 97% cost reduction ($58,000 in savings).

DITTO (BLUE ACCELERATOR STARTUP) | SOFTWARE INTERN
Fall 2015 - Spring 2016 | Node.js, JavaScript, HTML, CSS
- Delivered a social media platform with 200+ users for Android and iOS using Meteor in pursuit of innovating a new way to connect people.
- Led project to redesign HTML website and developed a data-driven approach using AB testing and Google Analytics which led to a 90% user increase.
- Followed the scrum-agile development methodology on a team of 7 engineers, designers, and marketers, meeting multiple stakeholder milestones.

OCEANIT (DEFENSE ENGINEERING) | SOFTWARE DEVELOPER INTERN
Summer 2015 | JavaScript, Node.js, HTML, CSS
- Developed an Android and iOS Customer Relationship Management (CRM) app using Cordova and Design Thinking to increase client engagement.
- Refactored a cross-platform map app to support the government's ability to assess and respond to disasters (hurricanes, earthquakes, floods) with ArcGIS.

HAWAII DEPARTMENT OF EDUCATION | STEM MENTOR
Fall 2014 - Fall 2017 | Curriculum Design
- Taught K-12 students and teachers C++ and JavaScript to cultivate STEM workforce development for the State of Hawaii.
- Recruited 30+ low-income students and networked them with external mentors.