

Christopher Nguyen

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EDUCATION

UNIVERSITY OF HAWAII AT MANOA
Honolulu, HI

Bachelor's in Computer Sciences
Minor in Business Administration

Fall 2014 – Spring 2018 (Expected)

Major GPA: 3.9 / 4.0

Cumulative GPA: 3.8 / 4.0

Coursework:

ICS 491 | Computer Security

ICS 415 | Web Programming

ICS 414 | Software Engineering

ICS 351 | Network Design

BUS 311 | Business Info Systems

Honors & Awards:

IBM Extreme Blue Finalist

Alexander Hamilton Scholar

SKILLS

PROGRAMMING

Proficient:

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

Experience:

- C
- C++
- Python
- Swift

Tools/Libs:

- jQuery
- Node.js
- Cordova
- Meteor
- MySQL
- Git/Github
- Raspberry Pi

EXPERIENCE



OCEANIT LABORATORIES, INC. | Network Security Intern

Fall 2016 – Present | C++, Python

- Built a low-cost 72" video wall system using open-source software, IP routing, and seven Raspberry Pis.
- Prototyped an implementation of a video processing architecture using PySide2 on the MinGW development environment.
- Conducted high-level network assessments of external clients.



DITTO | Front-End Software Development Intern

Fall 2015 | JavaScript, HTML/CSS

- Developed the website for Ditto, a social media startup in the Blue Startups Accelerator Program.
- Followed the scrum agile development methodology on a team of 5 using Git version control.
- Conducted extensive consumer research using AB testing and Google Analytics.



OCEANIT LABORATORIES, INC. | Software Development Intern

Summer 2015 | JavaScript, HTML/CSS, Cordova

- Refactored a mobile geographic information system (GIS) app to reduce the damage assessment time of disaster response with the ArcGIS API.
- Developed a cross-platform Customer Relationship Management (CRM) app for iOS and Android using Cordova, Node.js, and Design Thinking.



HAWAII DEPARTMENT OF EDUCATION | STEM Resource Mentor

Fall 2014 – Present |

- Collaborated with 28 schools in the Kaimuki-McKinley-Roosevelt Complex Area to develop K-12 Computer Science curriculum.
- Mentored students that totaled \$15,000+ in agency awards at the Honolulu District, Hawaii State, and Intel International Science and Engineering Fair.
- Recruited high-achieving students and networked them with external project mentors.

PROJECTS

(more at chrisnguyenhi.github.io/projects)

NATE (Need Assistance To Exercise) | JavaScript, Express, Node.js

- Created a Facebook Messenger chatbot application that recommends muscle-based workout routines for casual gym-goers.

PIPE (Programming In Pure English) | C

- Created a console application to translate English-language sentences into C for Botball robotics.
- Awarded Best of Computer Science at the Honolulu Science Fair.

References Available Upon Request