# 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
Dean's List (Fall 2014 – Present)

### Coursework:

ICS 491 | Computer System Security
ICS 415 | Web Programming
ICS 414 | Software Engineering
ICS 351 | Network Design
BUS 311 | Business Info Systems

### Honors and Awards:

IBM Extreme Blue Finalist
Alexander Hamilton Scholar

## SKILLS

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

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

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

## EXPERIENCE

**OCEANIT | Network Security Intern**
**Fall 2016 – Present** | C++, Python, Shell
- Built a 72" video wall system using open-source software, IP routing, and seven Raspberry Pis.
- Tested PySide2, an open-source Python binding of Qt, on the MinGW development environment for a Windows CV application.

**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).
- Followed the scrum agile development framework with a team of 7 engineers, designers, and marketers in 2 week sprints.
- Conducted extensive consumer research using AB testing, focus groups, and Google Analytics of user behavior.

**OCEANIT | Software Development Intern**
**Summer 2015** | JavaScript, HTML/CSS, Node.js
- 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 Resource Mentor**
**Fall 2014 – Present** |
- Developed K-12 Computer Science curriculum in collaboration with 28 schools in the Kaimuki-McKinley-Roosevelt Complex Area.
- Mentored students for the Honolulu District, Hawaii State, and Intel International Science and Engineering Fairs.
- 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 in Computer Science at the Honolulu District Science Fair.

References Available Upon Request