CHRISTOPHER NGUYEN (808)-343-7029   cnguyen7@hawaii.edu

LinkedIn: linkedin.com/in/chrisnguyenhi | **Git:** github.com/chrisnguyenhi | **Website:** chrisnguyenhi.github.io

EDUCATION

University of Hawaii at Manoa, Honolulu, HI   **Aug. 2014 - Present**
Bachelors in Computer Science with Minor in Business Administration
Major GPA: 3.9   Cumulative GPA: 3.8

WORK EXPERIENCE

Oceanit Laboratories, Inc. | Network and Security Intern | Honolulu, HI   **Nov. 2016 - Present**
- Created an automated 72" video wall system using open-source software and seven Raspberry Pis.
- Conducted high level network assessments for external clients and state agencies.

Ditto | Front-End Development Intern | Honolulu, HI   **Sept. 2015 - Feb. 2016**
- Developed the website for Ditto, a social media startup in Blue Startups Accelerator Program.
- Conducted extensive consumer research using AB testing and Google analytics of user behavior.
- Recruited and screened 100+ testers for the mobile application's initial beta release.

Oceanit Laboratories, Inc. | Oceanit Student Intern (OSI) | Honolulu, HI   **Jun. 2015 – Jul. 2015**
- Customized a mobile geographic information system (GIS) application that reduced the damage assessment time of disaster response units by 40% (4-5 hours) using the ArcGIS API.
- Developed a cross-platform Customer Relationship Management (CRM) application for iOS and Android to increase client interaction by 10% between consultants and clients.

Hawaii Department of Education | STEM Resource Mentor | Honolulu, HI   **Sept. 2014 – Present**
- Collaborated with 28 schools in the Kaimuki-McKinley-Roosevelt Complex Area to develop a 21st century STEM curriculum that sparked a 48% student interest in STEM in 2016.
- Mentored students in the Honolulu District and Hawaii State Science and Engineering Fair that totaled $15,000+ in agency awards from Intel, Chevron, IEEE, and many others.

PROJECTS   *(more at chrisnguyenhi.github.io)*

A.I.R.I.S (Application and Interface for Real-time Item Seeking)   C++, OpenCV
- Created an application to detect and track movement in real-time from a live video feed.
- Received the 2016 UH Manoa Information and Computer Sciences Award and the 2016 Hawaii Academy of Science 3rd Place Category Award in Systems Software.

P.I.P.E – The Conversion of English-Language Sentences into Compliable Code   C, C++
- Created an application to translate English sentences into C for Botball robots.
- Received the 2014 UH Manoa Information and Computer Sciences Award and Best of Computer Science in the 2014 Honolulu District Science Fair.

LANGUAGES AND TECHNOLOGIES

- **Programming:** JavaScript, Java, C, C++, C#, PHP, HTML/CSS, SQL, Swift
- **Libraries/Platforms:** jQuery, Node.js, Cordova, Ionic, OpenCV, Brunel, ArcGIS API, Google Maps API, Git
- **Data/Databases:** MySQL, Microsoft SQL Server, Oracle Database
- **Hardware and Networking:** Arduino, Raspberry Pi, TCP/IP

COMMUNITY SERVICE

Cross-Cultural Solutions | International Volunteer | Tecpan, Guatemala   **Jul. 2015**
- Taught English to Kindergarteners and painted an entire school courtesy of the Hamilton Award Scholarship (2013) for high-achieving, service-focused high school juniors.

References Available Upon Request