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

Major GPA: 3.9 / 4.0
Cumulative GPA: 3.8 / 4.0
Dean's List (2014 – Present)

SKILLS

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

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

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

PROJECTS

(more at chrisnguyenhi.github.io)
NATE (Need App To Exercise)
JavaScript, Node.js, Express
Facebook Messenger chatbot that recommends workouts for casual gym-goers.

PIPE (Program in Pure English)
C++, Botball C
English-to-code translator for Botball robotics.

EXPERIENCE

NASA | Hawaii Space Grant Consortium Fellow
Summer 2017 - Present | Python, Shell
- Building a cloud-based data processing architecture to host satellite data from the NASA Lunar Reconnaissance Orbiter.
- Identifying potential ice deposits by producing a map of the 'potential sublimation rate' of certain regions of the Moon.

IBM | Software Development Intern
Summer 2017 | Java
- Developing an internal backend API on the Watson Data Platform.
- Following the scrum agile development framework with a team of engineers, designers, and marketers in 2 week sprints.

OCEANIT | Information Technology 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.

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, 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 Mentor
Fall 2014 – Present |
- Developed K-12 Computer Science curriculum in collaboration with 28 schools in the Kaimuki-McKinley-Roosevelt Complex Area.
- Recruited and mentored students for the Honolulu District, Hawaii State, and Intel International Science and Engineering Fairs.

References Available Upon Request