

Jonathan Ho

Systems Design Engineering | jbho@edu.uwaterloo.ca | +1 (613)-878-2915 | www.linkedin.com/in/JonathanBHo

WORK EXPERIENCE

Intellisports | Full Stack iOS Developer - Objective-C, PHP, MySQL **September – December 2019**

- Architected, implemented and maintained the whole in-app marketplace system
- Created a “rate the app” user flow that increased the amount of app store reviews by over 200%
- Designed a new watchOS extension for existing mobile app to improve user experience
- Ensured the rapid deployment of back end features to enable the development of front-end features

Solace Systems | Software Developer in Test - TCL **January – April 2019**

- Developed internal libraries used by the QA automation test team to add support for RESTful APIs
- Evaluated and modified existing test procedures to enhance robustness, readability and reliability
- Debugged and maintained internal test automation framework to ensure minimal test crashes
- Collaborated with other members on the QA team to increase software coverage by 15%
- Componentized legacy API to improve reusability for the developer platform

NOKIA | Software Developer - JS, Mocha **July – August 2017**

- Updated JavaScript features for implementation in the next product update (JS)
- Used Mocha (JS) and Selenium to expand automation test coverage
- Leveraged version Control software Git to maintain large code base with many developers
- Successfully worked within QA team to resolve software bugs

CENGN | Developer - Python **June 2017**

- Designed a Python script for decoding sensor data, for deployment in an “Internet-Of-Things” project
- Applied knowledge of internet protocols to create a network of routers using Bash

EDUCATION

Systems Design Engineering, University of Waterloo

PROJECTS

Winner of 2019 EngHack hackathon for best use of SnapKit api **June 2019**

- Developed mobile app that allowed users to play Guess Who using their personal avatars against friends
- Persevered through and troubleshooted complex problems stemming from the SnapKit api itself

Graphical recreation of Connect 4 and Yahtzee **2016 – 2017**

- Leveraged knowledge of object-oriented programming to create a robust emulator in Java
- Followed the iterative design process through multiple steps to improve functionality and user experience

LEADERSHIP EXPERIENCE

Academic Prefect & Member of Student Leadership Team **2017 – 2018**

- Led and organized the peer tutoring program comprising of 20% of the school
- Directed an annual event at the end of year fair activity and increased participation by 7.5%

INTERESTS

Competitive Hockey Player **2009 – 2019**

- Collaborated with teammates to win the largest minor hockey tournament in the AAA Division – 2013
- Maintained high academic standing while playing hockey 4+ times per week

Musician **2004 – Present**

- Played Euphonium and Trombone for national level school bands
- Completed Grade 5 of Royal Conservatory Program for piano