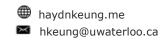
# Haydn Keung haydnkeung.me hkeung@uwaterloo.ca





Languages: Java, C, C++, C#, Python, Groovy, VHDL, JavaScript, SQL

Tools: Git, Gradle, Unix, GitHub, Unity Engine, Android Studio, Eclipse, Foundations 6

## Experience

### **Software Engineer** | Madoor International Inc.

2019

Java, Android, MySQL

- · Worked with RESTful API to create payment system for the Android app
- · Co-developed the push notification system for their mobile app
- · Wrote unit tests and Gradle scripts to automate them

### **DBA Assistant & IT Support** | North Growth Management Ltd.

2017 - 2018

MS SQL

- · Worked with database administrator to connect new computers to a MS SQL database
- · Installed and configured a new server in a server farm

### Founder of Coding Club | Kitsilano Secondary

2017 - 2018

Java, Python

- Lead a team of students to compete in national level computing contests
- 60% of members achieved distinction in Waterloo's Computing Contest
- · Taught students how to build Android apps and Java applet applications
- Advocated STEM literacy among young students

### **Co-Founder of a Plants Decorations Startup** | West Coast Roots

2017 - 2018

JavaScript, HTHML5

- · Co-founded startup to promote entrepreneurship endeavors and environmentalism
- · Designed and administrated the company website
- · Collaborated with product manager to build prototypes
- · Lead the marketing team to sell and promote our crafts at an annual art festival

### Teaching Assistant for computer science courses | Kitsilano Secondary

2015 - 2017

C++, Java

· Created solution keys and assisted students with coding assignments

# **Projects**

#### **Online Multiplayer Shooter Game**

2018

C#, Unity Engine, Photon Networking

- Built 2D multiplayer game incorporating mechanics from space simulations
- Configured networking so players can connect to different servers hosted on the cloud
- · Wrote regression to predict the movement of game objects and reduce lag due to network latency

### **Achievements**

### 3rd in UBC Physics Olympics

2018

· Obtained 3rd place out of 722 students in UBC's annual physics Olympics lab event

#### **Distinction in Senior Canadian Computing Competition**

2018

· Achieved distinction in Waterloo's annual Canadian Computing contest (Senior division)

# Education

#### **Candidate for Bachelor of Software Engineering**

2018 - 2023

· University of Waterloo, Waterloo, Ontario, Canada