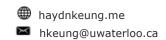
Haydn Keung





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

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

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

Experience

Software Engineer | Madoor International Inc.

2018

- Java, Android, MySQL
- · Worked with RESTful API to create payment system for the Android app
- · Co-developed the push notification system for mobile 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
- · Replaced hard-drives and memories of old desktops

Founder of Coding Club | Kitsilano Secondary

2017 - 2018

- · 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

- · 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 C++/Java courses | Kitsilano Secondary

2015 - 2017

· Created solution keys and assisted students with coding assignments

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