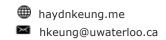
Haydn Keung haydnkeung.me





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