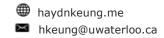
Haydn Keung





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

Tools: .NET, MySQL, PostgreSQL, Flask, Unity Engine, Android Studio, Gradle, Unix

Experience

Software Engineer | Madoor International Inc.

2019

Java, Kotlin, Android, MySQL

- · Designed and implemented the Q&A platform between clients
- · Worked with RESTful API to create payment system for the Android app
- · Co-developed the push notification system for the Android app

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, HTML 5

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

Projects

Chatting Forum 2019

Python, PostgreSQL, Flask

- · Built an online chatting forum using RESTful API
- The biggest challenge for this project was patching SQL and XSS injection attacks

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