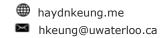
Haydn Keung haydnkeung.me





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

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

Experience

Mobile App Developer | Madoor International Inc.

May 2019 - Aug 2019

Java, Kotlin, Android, MySQL

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

IT Support | North Growth Management Ltd.

May 2018 - Aug 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

Sep 2017 - May 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

Sep 2017 - May 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 Aug 2019

Python, Flask, PostgreSQL

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

Online Multiplayer Shooter

Dec 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

Mar 2018

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

Distinction in Senior Canadian Computing Competition

Feb 2018

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

Education

Candidate for Bachelor of Software Engineering

Sep 2018 - Apr 2023

· University of Waterloo, Waterloo, Ontario, Canada