Haydn Keung

haydnkeung.me
hkeung@uwaterloo.ca
github.com/haydnkeung
linkedin.com/in/haydnkeung

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