Haydn Keung

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University of Waterloo Software Engineering, Class of 2023

Languages: C#, Java, C/C++, HTML

Technology: Android Studio, **Unity3D**, Foundations 6, Adobe Illustrator, Git/GitHub
(https://github.com/haydnkeung)

Projects

Real-Time Multiplayer Space Shooter Game (C#, Unity Engine, Photon Framework)

- Learned basic Photon Networking API and refined **Object-Oriented design principles** through developing a 2D real time multiplayer space shooter game.
- Built with Unity Engine and Photon Networking framework in C#.

Scheduler (JAVA, XML, Android Studio)

- Established basic Android development skills through making an agenda app that keeps track of my schedule and displays time till next event on my calendar.

RSA Encryption Algorithm (C)

- Implementation of RSA encryption using C.

Personal Website (Foundation 6, Html, CSS, JS)

- Website to showcase my projects and introduce myself. Website: "http://haydnkeung.me"

Work Experience & Volunteering

North Growth Management   Summer 2017, Summer 2018

- Summer job as IT support at Vancouver based investment firm.
- Responsible for software and hardware deployment, as well as troubleshooting technical problems.

Kitsilano Secondary   Sep 2015 - Jun 2017

- Teaching assistant for the grade 11 Java course, and 12 C++ courses in high school. Responsibilities include creating solution keys and assisting students with assignments.

Achievements

UBC Physics Olympics   Mar 2018

- 3rd place out of 722 students in UBC's annual physics Olympics lab event. Open to all students in BC.

Canadian Computing Competition   Feb 2018

- Distinction in Waterloo Canadian Computing contest (Senior division)

Founder of Coding Club   Sep 2017- Jun 2018

- Founder of coding club to prepare students for competitive coding and advocate STEM to younger students. As a result, more than 80% of members achieved distinction in the Waterloo computing contest.

National Public Speaking Contest   Jan 2015, Jan 2016, Jan 2017, Jan 2018

- Solid communication developed through competing in the national French public speaking contest (concours d'art oratoire) 4 times.