

Haydn Keung

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http://haydnkeung.me

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>)

Skills and Knowledge

- Good understanding of object-oriented design principles through OOP courses and refined in personal projects.
- Experience working with APIs/Frameworks outside of core programming languages.
- Excellent attention to detail developed through writing clean and maintainable code in projects/assignments.

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.