

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

- Leadership experience gained through starting a coding club to prepare peers for competitive coding (80% of members achieved distinction with no prior experience), and co-VP of Junior Achievement club in high school.
- Solid communication developed through competing in the **national French public speaking contest** (concours d'art oratoire) 4 times.

Projects

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

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

Tetris (C#, Unity Engine, Object-Oriented design principles)

- Developed **solid Object-Oriented design principles** through re-making the all-time classic game–Tetris.
- Built with Unity Engine using 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

- **Third place** 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)