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| Haydn Keung | (778)-939-1585 | hkeung@uwaterloo.ca | 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.