SKILLS

Technical

* Experience with **Java** (4 years), **Python** (2 years), and **Android SDK** (1 year)
* Familiar with **C** and **C++**, basics of **HTML**, **CSS**, **JavaScript**
* Worked with Windows and Linux (Ubuntu) operating systems

Interpersonal

* Strong ability to work independently and in teams, gained through start-up and group projects
* Well-founded leadership skills, developed by organizing & leading group programming projects

WORK EXPERIENCE

**Flynxx Inc. Toronto ON** September 2017 – December 2017

Algorithm Design Consultant

* Researched airline revenue management and seat inventory processes, created a working copy that illustrates the integration of the Flynxx model with standard seating models
* Simulated statistical models of demand distribution (Gamma, Poisson, Normal), added the Flynxx factors onto those models to show potential revenue that can be achieved by airlines

PROJECT EXPERIENCE

**Personal Website** January 2018 – Present

* Developing a personal website about myself through **Visual Studio** working with **HTML**, **JavaScript**, and **CSS**; becoming familiar and learning about basics for **C#** and **ASP.NET**

**Android Banking Application** July 2017 – August 2017

* Collaborated within a team of 4 in an **Agile Scrum development** environment to develop a fully functional basic Android banking app utilizing **UML** and **user stories** to manage sprints
* Worked with **Java** and **XML** to develop the interfaces of the application

**Object Oriented Graphical Game** October 2015 – December 2015

* Developed a bird’s-eye view shooter in **Java** that implemented an A.I. algorithm using multiple cases to distinguish the best possible route for enemy entities, ran on a user-friendly interface

EDUCATION

**University of Toronto Scarborough, Toronto ON** September 2016 – Present

Candidate for Honours Bachelor of Science **(GPA: 3.49/4.0)**

* **Relevant Courses:** Software Tools and Systems Programming, Design and Analysis of Data Structures, Software Design, Computer Organization

EXTRACURRICULAR ACTIVITIES & INTERESTS

* Planning to participate in Hack the Valley 2, Toronto ON February 2018
* Varsity Blues Water Polo Team, Toronto ON September 2016 – Present
* Men’s Senior Water Polo National Championships League September 2015 - Present
* Canadian National Water Polo Team, Calgary ON July 2014 – August 2014

ACCOMPLISHMENTS

* Gold Medalist in Water Polo for OUA Championships (2016 & 2017) in Ontario
* Awarded varsity athlete honors for maintaining above 3.5/4.0 GPA during the season
* Completed AP Course for Computer Science obtaining credit in University
* Completed up to Grade 8 RCM Guitar Examinations and Grade 7 Theory