

ALYSSA SONG



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Summary of Qualifications

Languages: C++, C, C#, Java, Python, JavaScript, jQuery, HTML5, CSS, Ruby, Watir, SQL, Bash, Scheme

Other Tools: Android Studio, Appium, ASP.NET, Cucumber, Git, MS Office, Visual Studio

- Diligent and responsible, shown through consistent high academic standing and commitment to extra-curriculars
- Strong organization, time management and prioritization skills allowing for ability to thrive under pressure
- Excellent communication and leadership skills gained through volunteer and work experiences

Work and Volunteer Experience

Associate Solutions Developer | AXSIUM GROUP

September 2020 – December 2020

- Worked closely with a small development team as the testing lead throughout multiple different product releases to make sure all requirements were being met
- Independently developed, executed and analyzed results of automated tests for a web application (Cucumber, Watir and Ruby) and a cross-platform mobile app (Appium and Java)
- Implemented a new calendar feature allowing client customization across an ASP.NET web application (C#, JavaScript, HTML and CSS) with jQuery and SQL

Intensive Care Unit (ICU) Student Leader | JURAVINSKI HOSPITAL

Fall 2015 – Summer 2019

- Trained new student volunteers for the ICU front desk position, gaining leadership skills
- Helped facilitate communication between staff, patients and visitors in a professional manner

Coding Projects

Personal Website | PROJECT

December 2020

- Built a website from scratch using HTML, CSS and JavaScript hosted on GitHub ([alyssa-song.github.io](https://github.com/alyssa-song))

StarterHacks | HACKATHON

February 2020

- Explored machine learning using Python by implementing the Haar Cascade algorithm for object recognition to determine if object can be recycled
- Used OpenCV edge detection to find objects and crop images

Android Planner App | PROJECT

May 2019—June 2019

- Developed a simple and user-friendly planner app in Android Studios with Java
- Designed to help students stay focused, set goals, prioritize and promote healthy living habits

Education

Bachelor of Computer Science, Honours, Co-op [2B] | UNIVERSITY OF WATERLOO

Expected 2024

- Recipient of the Jennifer Nguyen Entrance Scholarship for Women in Math and President's Entrance Scholarship of Distinction for 95%+ admission average
- **RELEVANT COURSES:** Object-Oriented Software Development, Combinatorics