

# SEAN STILWELL

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## EDUCATION

### University of Ottawa — *Honours BSc in Computer Science*

September 2018 - December 2022, Ottawa ON

CGPA: 7.80

#### Relevant Courses:

Technical Report Writing, Intro to Software Engineering, Data Structures and Algorithms, Professional Practice in Computing, Databases I/II, Programming Paradigms, Computer Architecture, Probability and Statistics for Engineers, Design and Analysis of Algorithms, Programming Language Concepts, Software Design and Architecture

## EXPERIENCE

### House of Commons, Ottawa ON — *Enterprise Architect COOP*

MAY 2020 - AUGUST 2020

- Created a web application to allow users to view and search information for all current and past projects.
- Planned, developed, and tested a variety of modules and applications for clients.
- Wrote efficient documentation to facilitate usage and future development of applications.

### Global Affairs Canada, Ottawa ON — *Quality Assurance Analyst COOP*

MAY 2019 - AUGUST 2019

- Created, modified, and executed test cases based on business requirements in an Agile setting.
- Identified and documented software defects in a tool to recruit new embassy and consulate leadership.
- Facilitated user acceptance testing for a tool to manage risks for grants and contributions.

## PROJECTS

- Personal projects shown on <http://www.seanstilwell.ca>
- Developed a clinic management application for Android devices using Firebase and Java in Android Studio.
- Developed a competition and leaderboard website with PostgreSQL and PHP.

## SKILLS

### Programming Skills

- Proficient with C#, Python, Java, and PHP programming languages.
- Learned Golang, Prolog, and Racket for experience with Concurrent, Logical, and Functional programming.
- Experienced using HTML, CSS, and JavaScript for web development.
- Proficient with Firebase and various SQL variants (PostgreSQL, SQLite) for database management.

### Software

- Experienced with Android Studio for mobile application development.
- Proficient with Visual Studio and Unity for software development.
- Used Git and GitHub to collaborate with others on university projects and assignments.
- Experienced with Team Foundation Server (TFS) and DevOps for collaboration and project management.

### Communication

- Attained the DELF B2 from the Ministry of Education of France for proficiency in French.
- Experienced with writing technical reports and other documentation.
- Proficient at giving presentations and chairing meetings in both English and French.