

Stephen Lin

2B COMPUTER ENGINEERING

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Skills

Languages: Java, JavaScript, Python, C++

Database: MongoDB, PostgreSQL, SAP HANA

Frameworks: Spring Boot, Apache Kafka, Apache Geode Selenium

Experience

SS&C Technologies

Toronto, Ontario

FULL STACK DEVELOPER

May 2019 - Aug. 2019

- Designed a Proof of Concept using Java and Spring Boot framework to read and store documents into a PostgreSQL and MongoDB database.
- Converted, styled and updated previous knowledge base documents into XWiki pages, saving the company \$300,000 a year.

SAP Software Solutions

Waterloo, Ontario

SENIOR SOFTWARE QA/WEB AUTOMATION DEVELOPER

Sept. 2018 - Dec. 2018

- Supervised three Co-op students in conducting automated and manual test cases.
- Improved rate of test case conversion by refactoring code base.
- Performed code review for the QA team.

SAP Software Solutions

Waterloo, Ontario

SOFTWARE QA/WEB AUTOMATION DEVELOPER

Jan. 2018 - Apr. 2018

- Extended automation testing on to different browsers such as Internet Explorer, increasing the range of automation testing by 50%.
- Created, updated and fixed automated test cases using Python and Selenium.
- Performed system, functional, regression and performance testing on HANA Run-Time Tooling (HRTT) using automated and manual methods.

Projects

Ocra

JAVA, JAVASCRIPT, AWS REKOGONITION, NIGHTMARE.JS, ANDROID STUDIO

2019

- Co-developed an Android application that will display a list of stores and prices from an image of a price tag.

Morse Code Translator

C++

2017

- Co-designed and created a Morse code translator that sends and receives sensor data.
- Controlled using an *Onion Omega* microcontroller.

Education

University of Waterloo

Waterloo, Ontario

BACHELOR OF APPLIED SCIENCE IN COMPUTER ENGINEERING

Graduation: 2022

- **Relevant Courses:** Algorithm and Data Structures, Systems Programming and Concurrency, Discrete Mathematics and Logic

Hobbies

Interests: Dancing, Gaming, Swimming