

# Joseph Sokolon

COMPUTER SCIENCE · SOFTWARE ENGINEERING

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## Toolkit

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### Languages Frameworks Tools

Javascript, Python, C#, Java, C, HTML/CSS, SQL, MongoDB  
Selenium, Node.js, Pixi.js, Bootstrap, Colyseus.js  
Git, Jira, SVN, NPM, Yarn, Heroku, Travis CI, Mongo Atlas

## Work Experience

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### Fleet Complete

Toronto, ON

#### TEST AUTOMATION DEVELOPER

Dec. 2017-Aug. 2018

- Created a test automation framework utilizing C# and Selenium WebDriver to test front end of a web application
- Refactored existing tests, increasing execution speed by over 300%
- Identified, documented and reported defects found in Angular based web application
- Tracked the status of defects and provided a status report during daily stand-up meetings

## Project

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### 🔗 Cyberpunk

Toronto, ON

#### PERSONAL PROJECT

Fall 2018

- Tile-based multiplayer roguelike game played in the browser
- The authoritative server is written using Node.js
- Client view rendered using Pixi.js Javascript graphics library
- Persistent Data stored using MongoDB

### 🔗 TEQ Reports Workbench

Toronto, ON

#### SCHOOL PROJECT

Fall 2018

- Led a team of 5, to develop a prototype to assist the Toronto East Quadrant Local Immigration Partnership
- Created an application that aggregates agency data, in the form of excel files, and generates reports
- Utilized Java, JavaFX, Node.js

### 🔗 Tex-Alerts

Ottawa, ON

#### HACKATHON PROJECT

Spring 2018

- Created an alert system which notified DevOps via text message when critical systems become unavailable
- Won "Best use of Martello API" Award at Carleton University Hackathon 2018
- Developed in Javascript, leveraging MessageBird and Martello API's. Deployed using Heroku

## Education

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### University of Toronto

Toronto, ON

#### CANDIDATE, HONOURS BACHELOR OF SCIENCE - CO-OP COMPUTER SCIENCE

Sept. 2016 - Present

- Received admission scholarship for \$1,500 (92% average)
- Specialization in Software Engineering Stream

## Extracurricular Activity

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### Computer Science Enrichment Club (CSEC)

Toronto, ON

#### MEMBER

Sept. 2016 - Present

- Enriched knowledge of computer science through various academic seminars
- Improved programming skills through competitive coding competitions