

Zuraiz Zafar

SOFTWARE ENGINEER · FULL STACK DEVELOPER

Ottawa, ON, Canada

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Education

University of Ottawa

B.ASC IN SOFTWARE ENGINEERING (CO-OP)

Ottawa, Ontario

September 2015 - December 2019

Relevant Skills

Languages Ruby, Java, Python, JavaScript, TypeScript, XML, SQL
Technologies HTML/CSS, React, Spring, Bootstrap, Karma, Selenium, Angular, Sling, .Net Core
Tools Bash, Unix, Git, GitHub, Eclipse, Visual Studio Code, IntelliJ Idea, Docker, Vagrant, TravisCI
Databases PostgreSQL, MySQL

Experience

Outreach, University of Ottawa

JUNIOR SOFTWARE DEVELOPER/ SOFTWARE DEVELOPER (CO-OP)

Ottawa, Canada

May 2018 - August 2019

- Used Apache Sling, Angular, PostgreSQL, and Ruby.
- Wrote services, such as an authentication system.
- Created secure endpoints and data structures that increased developer productivity.
- Modularized components for better re-usability among different applications.
- Helped design architecture for deployment and testing.
- Improved tooling for development and testing.

Klipfolio Inc.

SOFTWARE DEVELOPER (CO-OP)

Ottawa, Canada

September 2017 - December 2017

- Worked on the WebUI team using Javascript, Grails, Java, and Go.
- Wrote middleware to transform grails server pages into HTML pages.
- Developed a refreshing UX for new users.
- Created OAuth connectors to connect with external services.
- Migrated database to support new Facebook schemas.

Klipfolio Inc.

SOFTWARE DEVELOPER (CO-OP)

Ottawa, Canada

January 2017 - April 2017

- Worked on the Editor team using Javascript, Grails, and Java.
- Added ability to use SVG images for custom styling.
- Utilized selenium to test changes made.

Projects

Schedule generator

AN APP TO GENERATE A COURSE SEQUENCE

October 2017 - Present

- Wrote a python script to scrape courses from uOttawa website.
- Designed and wrote a core system to look for course clashes using trees and maps.
- Designed Front-end using React.

Umple for Vscode

VSCODE EXTENSION FOR UMPLE

November 2018 - Current

- Created a Visual Studio Code extension using Typescript and Java for the Umple programming language.
- Added snippets, error/warning checking, and code generation

Open Source Contributions

2018 - Current

- Microsoft Visual Studio Code - Added a new context menu option to copy certain fields in a keybinding configuration.
- Umple - Fixed a bug with the compile option related to pathing.