

Waleed Zafar

2nd Year Software Engineering Student

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TECHNICAL SKILLS

HTML5

CSS3

Javascript

Bootstrap4

AngularJS

Typescript

Java

Python

MacOS

Linux

EDUCATION

BASc Software Engineering (CO-OP)

University of Ottawa

09/2017 – Present

CGPA: 8/10

WORK EXPERIENCE

Telecom Engineer Intern

Royal Canadian Mounted Police (RCMP)

01/2019 – 04/2019

Ottawa

Achievements/Tasks

- Enhanced a file (PCAP) managing script using Python to achieve 100% efficiency (previously 65%) for daily transferring of >100k PCAP files between directories by employing pyinotify and shutil library
- Developed a web interface using Google's Angular 6.0, Typescript, Bootstrap, HTML5, CSS3 by creating multiple components that acted as a GUI to administer the configuration of an application via REST API

Enterprise Data Warehouse Intern

Immigration Refugee and Citizenship Canada (IRCC)

05/2018 – 12/2018

Ottawa

Achievements/Tasks

- Acquired solid knowledge of using IBM Cognos 11.0 framework manager, dashboard, stories and reporting tools by performing various tests
- Developed a good understanding of data Extract, Load and Transform (ETL) process in a data warehouse

PROJECTS

On-Demand Home Repair Services (Group Project) (11/2018 – 12/2018)

- Developed a home repair mobile application using Android Studio, Java and Firebase. This app allows different types of users like admin, homeowner, and service provider to schedule home services such as plumbing or painting. The source code for this project can be viewed at <https://github.com/saidghamra/SEG2105-Dream-Team-Android-Project>

Minesweeper (03/2018 – 04/2018)

- Developed a game in Java called Minesweeper using the model view controller (MVC) design pattern with a graphical user interface by using JPanel, JButton, and several icons to create the game board. The source code for this project can be viewed at <https://github.com/waleedza99/Minesweeper>

Nutridaili (Group Project) (10/2017 – 12/2017)

- Developed a web application using HTML, CSS and Javascript to display the rewards offered by our start-up called Nutridaili for following a healthy life style. The source code for this project can be viewed at <https://github.com/nutridaili/nutridaili.github.io>

AWARDS AND HONORS

Dean's Honor List and Merit Scholarship (2019)

Awarded to a student in the Faculty of Engineering for achieving TGPA of ≥ 8.5 for the previous term of study

Software Engineering Competition (2017)

Achieved 2nd position as a group out of 20 groups for a start-up (Nutridaili) competition held annually in Professional Communication and Responsibility course at University of Ottawa