

Ishmeet Singh

☎ (+1) 519-572-7165 | ✉ sing0078@mylaurier.ca | 🌐 <https://ishmeetsingh217.github.io> | 📱 ishmeetsingh217 | 📺 ishmeetsingh217

Education

Wilfrid Laurier University

B.SC. IN COMPUTER SCIENCE WITH A MINOR IN PHYSICS AND MATHEMATICS

Waterloo, ON

2018 - Present

Skills

Programming HTML5/CSS, JavaScript, C/C++, Android, Python, R, Java, Bootstrap, NodeJS, SQL
Software Application Microsoft Office Suite, Android Studio, Wordpress, Power Bi, Wix, Visual Studio, PyCharm, Eclipse, Angular, Kartra

Experience

Information and Communication Technologies, Wilfrid Laurier University

Waterloo, ON

SERVICE DESK ANALYST

Dec 2019 - Present

- Provided software support for Windows/IOS devices and Desktop Application Packages such as MS Office Suite, CD burning software
- Supported computer hardware devices and troubleshoot computers and associated peripherals like printer, monitor, hard-drive
- Managing over 300 service tickets monthly in accordance with service level agreements and best practices

Computer Science Department, Wilfrid Laurier University

Waterloo, ON

COMPUTER SCIENCE TEACHING ASSISTANT

Sept 2019 - Present

- Developed an automated script in python using tools such as Eclipse and Visual Studio Code to minimize the amount of marking time.
- Marking assignments and exams for courses such as Python, Artificial Intelligence and Database systems
- Assist the professor to conduct classes and holding office hours to support 300+ undergraduate students

Super Purposes

Remote

WEB DEVELOPER

May 2020 - August 2020

- Collaborated with a remote team to build a website using WPBakery Builder in WordPress with heavy use of HTML5/CSS3 for customization
- Designed wireframes and mockups using tools such as Adobe Illustrator and integrated WordPress with Kartra to support a subscription model

Audio Visual Information Technology, Wilfrid Laurier University

Waterloo, ON

STUDENT TECHNICAL ASSISTANT

Sept 2019 - April 2020

- Performed routine maintenance and upgrades on equipment and hardware/software assistance to clients remotely
- Troubleshooting devices in classrooms/computer labs and working with clients to arrange pieces of equipment for organizing events
- Built a system for raw data extraction for on-campus buildings and analysing reports using D3.js

Projects

Hawk Aid

JAVA, ANDROID STUDIO

- Collaborated with a team of 3 people and developed an android app that help students in organizing notes for their classes
- Features like backup/restore are implemented using realm database and use of SQL queries to import syllabus from the school website

Web Crawler

PYTHON, AI

- Developed a Web Crawler in Python by parsing HTML pages to text locally for 20 websites in Google Search
- Created feature vectors by using approaches like boolean attributes and TFIDF model

MazeRunner

PYTHON, AI, PYGAME

- Developed a Maze game to find a path valid path using approaches like DFS, BFS, Greedy, and A*
- Designed an algorithm in Python using Naive Bayes making use of Pygame for the visual component

Student Marking Application

VBA, MACROS

- Developed an application using VBA(Visual Basic for Applications) to store student grades in Microsoft Excel
- Implemented functionality to import data from the registrar's database and generating a report in Microsoft Word
- Used advanced queries and macros to make an effective application that lets schools count the number of students present in the class.

Extracurricular Activity

Laurier Chess Club

Waterloo, ON

CO-PRESIDENT/WEB DEVELOPER

Sep. 2019 - PRESENT

- Hosted the 2020 Canadian University Chess Championship at the Waterloo Campus of Wilfrid Laurier University
- Designed UI/UX for the website using HTML/CSS and JavaScript for custom components and Sketch for creating wireframes
- Conducted a user research with a focus group of 6 people to get feedback about the layout of the website