GitHub Manjot Singh (226) 332- 4899

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Work Experience

Township of Centre Wellington – IT&S co-op student | May 2022 – September 2022

Reference – Jeff Veniez – President, Cell: (226) 820 – 1405

- Working with RESTful APIs Provided by the Township of Centre Wellington to Automate the information on their private Cloud service and made a website using JavaScript and python flask.
- Hosted Website on Apache web server.

Kenna – Web Application Developer | September 2022 – December 2022

- Developed web applications using Node.js, React and IBM Notes.
- Used IBM Notes to manage document versioning and authentication.

Technical Skills

Languages: C, C#, Java, Python, JavaScript, SQL, HTML, CSS.

Framework: React, Node.js, flask, .NET, jQuery, Ajax, Bootstrap, JSON, Swing, AWT.

Development: Object Oriented Programming, Data Structures, Algorithms, Software Integration, Automated Testing, Code Reviews, Pair Programming, Agile Methods, Debuggers.

Dev Tools: Jira, VSCode, Visual Studio, GitHub, Bitbucket.

Soft Skills: Fast Learner, Problem-Solver, Effective communication, and interpersonal skills.

Education

Bachelor of Computing, Honors Co-op Major Software Engineering | University of Guelph (2020 – Present)

Academic Project:

Tweet Manager (2021)

- Uses queues in C to manage tweets

COVID-19 Statistical Analysis (2021)

- The program will process, analyses, and plot relation between COVID-19 cases and other data using Seaborn, Matplotlib and Pandas.

Portfolio of Investment in GUI (2021)

- A Graphical user interface where you can buy, sell, update, get gain and search for the investment (stocks or mutual funds) you made.
- Programmed using java by using swing and AWT libraries.

SVG Parser (2022)

- Programmed using JavaScript (Node.js, Bootstrap, jQuery, Ajax), HTML5, CSS3 C, xml (.svg), .xsd files.
- Parsed svg files using C and made GUI using JavaScript, HTML5, CSS3.

Personal Project

Tankie The Wi-Fi controlled Raspberry Pi Car: (Website hyperlink) What it is:

- A Wi-Fi car with a camera programmed using python.
- Streams a live video feed on the website.
- HTTP library to stream camera feed and Ajax requests to control the pi from the website
- Flask library for hosting the webserver

Personal Portfolio

- Used React framework of JavaScript.
- Used html, CSS, and bootstrap to create responsive design