SHUBH SEHGAL

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EDUCATION

B.Eng. Electrical Engineering – McMaster University
September 2018 – April 2022 (Expected)
- Currently in year 3 of a 4-year Electrical Engineering (co-op) major
- Pursuing a minor in computer science
- Relevant Courses
    - COMPENG 2SI4 – Data Structures and Algorithms (Java)
    - COMPENG 2SH4 – Principles of Programming (Java, C, and Object-oriented programming)
    - ENGINEER 1D04 – Engineering Computation (Python)

SKILLS

Programming: Python, Java, C/C++, JavaScript, HTML, CSS, SQL
Tools and Frameworks: Vue.js, Git, GitHub, Visual Studio, Firebase, Selenium, OpenCV, Microsoft Office (Word, Excel, PowerPoint)

EXTRACURRICULAR ACTIVITIES

Web Developer – DeltaHacks
June 2020 – Present
- Utilized **JavaScript**, **HTML**, and **CSS** to build various front-end components for the hackathon's website as per the design team's mock-ups
- Updated the administrative dashboard to track/display application statistics of 700+ applicants from the **Firebase database**
- Pushed and merged local changes to the code using **Git** and **GitHub**
- Effectively managed my time to meet deadlines for deliverables on a tight schedule

Workshops and Talks Team – Google Developer Student Club
September 2020 – Present
- Organizing technical workshops and events hosted by McMaster University's chapter
- Responsible for planning the curriculum and technical content for the events
- Helped facilitate a workshop to teach attendees how to create a personal website and host it on **GitHub**

PROJECTS

Fatigue Detector (DeltaHacks Hackathon)
- Worked in a team of four to create a **Python** application to prevent impaired driving due to fatigue
- Used the **OpenCV** library to monitor a driver's face with webcam input and send warnings when actions correlated to tiredness are detected
- Proved myself as a team player by assisting members when needed to ensure the project would be done on time

Investment Tracker (Personal)
- Developed an application that automates Google Chrome to display stock market conditions to an investor
- Automatically navigates to the webpage corresponding to the user's market watchlist, and fills in login credentials using **Python** and **Selenium**

WORK EXPERIENCE

Customer Sales Associate – Tommy Hilfiger
July 2019 – August 2019
- Assisted in finding apparel, getting sizes, restocking items, and organizing shelves
- Exceeded customer service expectations by engaging with customers and guiding them with purchases based on their interests and promotions
- Demonstrated strong multitasking skills when required to organize the store while simultaneously attending to customers during peak hours