SRIVATSAN VISWANATHAN

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EDUCATION

Toronto Metropolitan University (Formerly known as Ryerson University)   September 2018 - April 2023

- **Bachelor of Computer Engineering**
  Relevant Courses: Software Systems, Engineering Algorithms and Data Structures, Object Oriented Eng Analysis and Design, Operating Systems, Advanced Algorithms, Fundamentals of Data Engineering

SKILLS

Languages	Javascript, Python, HTML5, CSS3, Java
Frameworks	React.js, Node.js, Bootstrap
Databases	SQL
Tools	Git, Bash, Unix
Soft Skills	Communication, Teamwork, Leadership, Problem Solving, Time Management, Accountability

PROJECTS

University Website HTML5, CSS3, Javascript   GitHub

- Created a website for a University course. The official website (https://www.ecb.torontomu.ca/ courses/coe538/) has an outdated design. By creating a website with a better design that can be accessible in multiple devices (phone, laptop) it will help the students access the information in a more convenient manner.
- Used data from a Document-type database (JSON) to display information using Javascript HTML DOM.

Hockey Database SQL, Java   GitHub

- Created an SQL database using SQLite containing information related to hockey such as hockey players, hockey teams, coaches, etc.
- Used a JDBC to interact with a database using a Java program
- Used Java Swing as a front end UI for the user

Autonomous Ping Pong Collector Python

- Implemented transfer learning using PyTorch and trained an SSD MobileNet object detection model with a custom dataset created taking pictures and labeling them with bounding boxes
- Was the project manager for a one-month duration, I provided oversight of the team's progress, ensuring that the project was on track and all members were meeting their milestones
- Created documentation on how to create the dataset and train the model. The documentation serves as a resource for future students who undertake this capstone project.

EXPERIENCE

Customer Support Representative, Sweatcoin Server   October 2022 - Present

- Responded to issues users had regarding to the company's apps (Sweatcoin and Sweat Wallet)
- Created short and concise answers for frequently asked questions allowing for efficient support
- Utilized communication and problem solving skills to de-escalate conflicts

CERTIFICATIONS

Software Fundamentals   November 2021
Relevant Skills: Python, SQL, Github, Unix