Janpreet Swatch

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OBJECTIVE

Seeking a co-op role to apply and grow my software engineering skills.

EDUCATION

B.Tech in Software Engineering Technology   *Sept 2022 - Present*

McMaster University Hamilton, ON

Relevant Coursework:

- Data Structures and Algorithms, Parallel Programing, Artificial Intelligence, Software Architecture, Network Technologies, Mathematics V, Linear Algebra, Project Management

Advanced Diploma in Computer Engineering Technology   *Sept 2019 - Apr 2022*

Humber College Toronto, ON

Relevant Coursework:

- Programming in C and Java, Web Programming, Unix Scripting, Real-Time Systems, Electric Circuits, Cloud Computing, Android Programing, Technical Mathematics, Calculus

EXPERIENCE

Web Portfolio | Personal Project - *HTML, CSS, Javascript, Git*

- Built a web portfolio with HTML, CSS, and JavaScript, showcasing my projects, technical skills and Git proficiency for version control

Machine Learning & Spam Email Detection | Academic Project| Grade Achieved 95% - *Python*

- Developed a Python-based spam email detector.
- Utilized NLP algorithms like Multinomial Naive Bayes and incorporated CountVectorizer for effective model training.
- Added a feature for users to upload and test multiple files simultaneously.
- Achieved a 98.5% accuracy rate at detecting spam emails.

RFID Lock System | Academic Project| Grade Achieved: 90% - *Python, Android Studio, Java, Git, Firebase*

- Collaborated with a team to design and build a RFID lock system.
- Implemented a real-time tracking system to record door unlock/lock times using Firebase.
- Developed an Android app using Java in Android Studio, providing control for door locking/unlocking mechanisms
- Achieved seamless door unlocking functionality through the integration of RFID technology.

Warehouse Team Member | Seasonal   *May 2021 - Sept 2021*

Amazon Toronto, ON

- Trained new employees, achieving an 80% proficiency rate within the first month.
- Managed missing, misplaced, or damaged product issues, reducing inventory errors by 15%.
- Taught team members efficient work processes to improve performance.

SKILLS

Programming Languages: Python, Java, C, HTML, CSS, Javascript

Tools and Technologies: Git, Visual Studio, Android studio, Unix, Agile, SDLC

Soft Skills: Problem Solving, Team Collaboration, Communication, Time Management, Adaptability