Janpreet Swatch

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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, Discrete Mathematics

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
- Technical Mathematics, Differential and Integral Calculus

PROJECTS

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

- Created and implemented a web portfolio using HTML, CSS, and JavaScript to showcase technical skills and projects.

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

- Developed a Python-based spam email detector with a 98.5% accuracy rate.
- Utilized NLP algorithms like Multinomial Naive Bayes and incorporated CountVectorizer for effective model training.
- Implemented a user-friendly file testing, enabling users to upload multiple files at once for spam prediction.

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

- Designed and built an RFID lock system using Arduino and RFID reader.
- Successfully achieved door unlocking using RFID card.
- Implemented functionality to record real-time door unlock/lock times in an external database.
- Developed an Android app with Java in Android Studio, offering a user-friendly interface for door unlock/lock.

EXPERIENCE

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

Amazon Toronto, ON

- Trained new employees on warehouse technology and processes, achieving a 80% proficiency rate within the first month.
- Managed missing, misplaced, or damaged product issues, reducing inventory discrepancies by 15%.
- Optimized team member performance by closely monitoring and applying specific strategies for better results.

TECHNICAL SKILLS

Programming Languages		Skills	
- Python	- HTML	- Git (Version Control)	- Azure (Cloud)
- C	- CSS	- Problem Solving	- Team Collaboration
- Java		- Communication	- Adaptability