

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 Programming, 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

- Python - HTML
- C - CSS
- Java

Skills

- Git - Azure
- Problem Solving - Team Collaboration
- Communication - Adaptability