

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, Android Programing
- Technical Mathematics, Differential and Integral Calculus

PROJECTS

Web Portfolio | Personal - 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 | 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 in detecting spam emails.

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

- Collaborated with a team to design and build a RFID lock system.
- Implemented a real-time tracking system to record door unlock/lock times.
- 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.

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 - Eager to Learn - Software Development Life Cycle
- Problem Solving - Team Collaboration - Microsoft Office
- Communication - Time Management - Visual Studio