

# Janpreet Swatch

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## OBJECTIVE

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Seeking a co-op role to apply my software development skills.

## EDUCATION

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### 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, Calculus

## PROJECTS

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### 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 Naïve 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

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### 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.

## TECHNICAL SKILLS

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### Programming Languages

- Python - HTML  
- C - CSS  
- Java -SQL

### Skills

- Git - Agile - Waterfall - SDLC - Visual Studio - Microsoft Office  
- Problem Solving - Team Collaboration - Eager to Learn  
- Communication - Time Management - Adaptability