

# Jean-Paul Saliba

SOFTWARE ENGINEERING STUDENT

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## Summary

- As a third-year software engineering student, I am looking for an opportunity to advance my career and expand my knowledge by utilizing the skills that I have gained through my various studies.
- Offering a strong foundation in design, problem solving and testing in various environments.
- Strong work ethic in team or individual settings to drive project success and process efficiency.
- Strong troubleshooting and problem-solving skills with an analytical mindset.

## Skills

**Languages** Java, C++, Python, JavaScript, HTML5, CSS, PHP, SQL

**Developer Tools** Git, GitHub, Unix shell, Firebase, MacOS Terminal, Linux, Node package manager (npm)

**Databases** MySQL, SQLite3

## Work Experience

### FreshCo

Richmond Hill, Canada

GROCERY CLERK

July. 2016 - Aug. 2019

- Performed well in a constantly stressful environment.
- Demonstrated strong interpersonal skills, while dealing with customers.
- Worked as part of a successful team.

## Projects

### Online Book Store

Oshawa, Canada

DATABASE MANAGEMENT SYSTEMS FINAL PROJECT

Sept. 2021 - Dec. 2021

- Utilized the Flask framework, Python and SQLite3 to create an online book store database management system to document and filter several books.
- Applied skills in HTML and CSS to design several user-friendly web pages.
- Leveraged Git to collaborate with fellow developers and design project repositories for seamless version control, code reviews and bug fixes.
- Conducted stakeholder interviews to design relational database schema's and er diagrams.

### Content Based Image Retrieval

Oshawa, Canada

DATA STRUCTURES AND ALGORITHMS

Jan. 2021 - Apr. 2021

- Collaborated with group members to assign and read barcodes from a dataset of 100 images from a database using Python.
- Implemented Radon Barcode Transformation to sort and categorize 100 images within 25 seconds.
- Compared several barcodes using threshold projections and hamming distance algorithms to search and retrieve images within 88 percent accuracy.
- Tested and refined algorithms to reduce time complexity.

### Personal Website For 2-D Game

Oshawa, Canada

WEB PROGRAMMING FINAL PROJECT

Sept. 2020 - Dec. 2020

- Collaborated with fellow developers to design and create a user-friendly website for a 2-D game using JavaScript, HTML, CSS, and PHP.
- Implemented a login system using PHP to authenticate user details, leveraging HTML and CSS to handle the front-end.
- Conducted meetings to gather requirements, use cases, class diagrams and form project goals.
- Attained problem-solving skills by developing solutions to advanced coding problems and debugging errors.

## Education

### Ontario Tech University

Oshawa, Canada

BACHELOR OF ENGINEERING (B.ENG) IN SOFTWARE ENGINEERING

Sept. 2019 - PRESENT

- Cumulative GPA: 4.02
- President's List: Winter 2021
- Relevant Coursework: Data Structure, Web Programming, Object Oriented Programming, Algorithm Analysis