

Toronto, ON, Canada  
manav1.patel@ryerson.ca  
[www.linkedin.com/in/manavpat/](http://www.linkedin.com/in/manavpat/)

# Manav Patel

Software Engineering Student

(647) 965-6728  
[github.com/mpat247](https://github.com/mpat247)  
[manavpatel.me](http://manavpatel.me)

## Summary of Qualifications

- Experience in object-oriented programming design, developing, debugging, testing proven by multiple projects.
- Strong analytical and problem-solving skills along with communication skills and ability to convey ideas and opinions to others.
- Outstanding technical documentation skills as demonstrated by using UML diagrams, and source code specifications.
- Proficient understanding of the Software Development Life Cycle (SDLC).
- Ability to quickly learn and master new technologies, successful working in both team and self-directed settings.
- Proactive, self-motivated, responsible, multilingual, adaptable, team player, adaptability.

## Technical Skills

**Languages:** Java, C/C++, Python, SQL, HTML, CSS, MATLAB, VHDL, C#, JavaScript

**Technologies/ Developer Tools:** Visual Studio, Oracle, MySQL, Django, Git, AWS, JUnit, Jupyter, Apache Tomcat

**Operating Systems:** Windows, MacOS, Linux

## Education

**Ryerson University**

*Computer Engineering – Software Option (BEng)*

**September 2019 – Present**

*Toronto, ON, Canada*

## Relevant Coursework

- |                                  |                                    |                          |
|----------------------------------|------------------------------------|--------------------------|
| • Data Structures and Algorithms | • Database Systems                 | • Object-Oriented Design |
| • Operating Systems              | • Software Design and Architecture | • Microprocessor Systems |
| • Software Systems               | • Computer Architecture            | • Digital Systems        |

## Projects

**Team8 | React Native, AWS Amplify**

**March 2022 - Present**

- Building a cross-platform (iOS and Android) app inspired by Tinder, that allows users to create an account, and find and chat with other local users for sporting or gaming events using React Native and AWS Amplify

**Online Shopping Store | Java, MySQL, Tomcat, REST API, Google Cloud, Software Design Course**

**March 2022**

- Designed and developed an online shopping store that maintains items on sale by the seller, allows user to sell and buy items, search for items, and hold items in a shopping cart

**Movie Store DBMS | Oracle SQL Developer, JavaScript, HTML, CSS, DBMS Course**

**November 2021**

- Developed a management system for a Movie Store that stores, searches, and rents out movies and TV shows
- Designed an ER-model and translated the model to a relational schema

**To-Do List Web App | Python, Django Framework, HTML**

**July 2021**

- Created a local web application using Python, Django framework, and HTML, with User Registration, Login, Search and full Create, Read, Update, and Delete functionality

**Book Store Application | Java, JavaFx, Junit, OOP Course**

**March 2021**

- Designed a bookstore application with a transaction system using Java to simulate common functions of using a bookstore
- Created a GUI that supports actions such as creating an account, adding books, purchasing, manager view, etc.
- Implemented object-oriented programming practices such as inheritance polymorphism, etc.

## Work Experience

**Lifeguard and Swim, Lifesaving, and Emergency First Aid Instructor**

**November 2017 – August 2021**

City of Brampton

Brampton, ON, Canada

- Demonstrated excellence in leadership and responsibility skills by supervising patrons in an aquatic setting.
- Collaborated with other staff when making split-second decisions in emergency situations.

## Extracurriculars/ Certifications

### Udemy Certifications

• Python Bootcamp • Beginning C++ Programming • Machine Learning, Data Science and Deep Learning with Python • Complete Data Science Course • 100 Days of Code • Arduino Bootcamp