Syed Raza **Abbas**

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Education

University of Toronto

HONOURS BACHELOR'S OF SCIENCE   SEP. 2017 - NOV. 2022

- Honours Bachelor of Science (HBSc) in Mathematics and Computer Science.
- CGPA of 3.26 out of 4.0

Skills

Web: React Express.js Node.js HTML/CSS Javascript

Programming Languages: Python Java R Bash

Databases: MongoDB MySQL PostgreSQL

Technologies: Git Linux Tools VScode Heroku RStudio

Projects

BookCase   *MongoDB, Express.js, React, Node.js, Git*
Jul 2020 – Present   REPOSITORY LIVE

- This is a MERN stack application that is deployed on Heroku.
- The application features user registration/authentication and uses the Google Books API for getting information on books by their ISBN (user input), and to make recommendations based on the user-generated library and wishlist of books
- Users can add books they already own to the library section, and books they would like to own in their wishlist section which has a link to Google Books for the given book

NewScript   *Express.js, React, Node.js, CSS, Git*
Aug 2020 – Present   REPOSITORY LIVE

- This is a React and Node.js application that is deployed on Heroku.
- A web application which takes a user input city and displays the current weather information for the city, and the top 10 news headlines based on a category chosen by the user using REST API's

Paint Program   *Java, Git, SCRUM*
September 2019

- Implemented new features to existing code base, such as the ability to draw a new PolyLine object, to save objects drawn on canvas, and to load save files and display the objects saved.
- Implemented features following design patterns such as the Factory, and Visitor design patterns.

Othello Game   *Java, Git, SCRUM*
September 2019

- Implemented an interactive Othello game with 3 other students written in Java using the JavaFX Library for creating GUIs.
- Implemented the highest priority user stories per sprint (1 week).
- Applied the MVC, Strategy, and Command design patterns