

Syed Raza Abbas

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Skills

Web: [TypeScript](#) [React](#) [Express.js](#) [Node.js](#) [HTM, CSS, and Javascript](#) [PHP](#)

Programming Languages: [Python](#) [Java](#)

Databases: [MongoDB](#) [PostgreSQL](#) [Neo4j](#)

Technologies: [Git](#) [Linux Tools](#) [Docker](#) [Heroku](#)

Projects

TicTacToe

MongoDB, Express.js, React, Node.js

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- An OOP TicTacToe game where a user can pick between 3 modes of playing. The user can play against a player on the same browser, play against a computer with 3 different levels of difficulty, or play against a friend from anywhere in real time with web socket communication.

BookCase

MongoDB, Express.js, React, Node.js, Git

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- 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

Carden

Express.js, React, Node.js, Redux, Git

[📍 LIVE](#)

- A web app that lets users create interactive cards to send to their friends and family.
- Was responsible for integrating front end and backend with regards to user registration, login, and profile management.

Paint Program

Java, Git, SCRUM

- 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

Java, Git, SCRUM

- 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

Education

University of Toronto

HONOURS BACHELOR'S OF SCIENCE

SEP. 2017 - NOV. 2021

- Honours Bachelor of Science (HBS) in Mathematics and Computer Science.