# Eshan S. Raikar

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## Education

**Trent University, Bachelor of Computer Science**                                    **2018 -2022**

**Favorite Courses:**

Data Structures and Algorithm | Software Design and Modelling | Multimedia Design

## Technical Skills

**Programming languages (Frontend & Backend):**

C# | Python | Java | JavaScript | HTML & CSS

**Technologies:**
Git | Unity | SQL | Gimp | Figma

## Software Projects

**Ball Escape (Software Modelling Course)**                                    **2019**

- Designed a variant of football called Ball Escape using java FX GUI libraries.
- The game relied heavily on different aspects of code such as timing, position of sprites, user input either in the form of keypad or mouse.
- Collected user information to calculate how far the player has progressed in the game and compute a high score using a database.
- Created the UML diagrams to describe the overall workings of the classes and the methods used for the game.

**Puzzle (Data Structure & Algorithms)**                                    **2022**

- Designed in C# a crossword grid as a part of the data structures course. The task was to create a grid with black and white squares.
- An across answer would begin at white square with a square to the left being a black square or a boundary. The down answer would begin at a white square with the square to the tope being black or a boundary.
- Different classes were written to create the grid and to populate the grid with random black boxes. A class consisting of a method to check the symmetry of the grid was also created.

**ChatMate (My Project)**                                    **2023**

- A dynamic web chat application with frontend design with backend functionality that allows the user to create and send messages and interact withing different groups.
- Being a dummy app, it has a user centric approach enabling the user to send messages while interacting with a series of pre-existing messages.
- The basic structure of the app is designed in plain HTML and CSS while the functionality is added through JavaScript concepts such as JSON and AJAX.
- The design emphasizes user interaction with intuitive features and ensures cross browser compatibility and is consistent across various web browsers.

# Other Work Experience

**CAP Associate, Walmart Canada**                                                         **2019-Present**

- Labeling and pricing the merchandise accurately to make sure that fragile and high shrink items are secure.
- Establishing and maintaining the display of merchandise by organizing the products by stocking and removing damaged and expired goods
- Utilizing the inventory by binning and picking merchandise and correcting shelf capacities
- Provide customer service to ensure that the customer is acknowledged by helping customers with purchasing, locating merchandise, and maintaining a safe shopping environment.