

# Abhin Tomar

## COMPUTER SCIENCE STUDENT

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Computer science student familiar with working with both the front-end and back-end sides of an application. Proficient with programming in Python, Java, JavaScript and using frameworks such as Bootstrap, Node, Express, and React.

## EDUCATION

### HONORS BACHELORS OF SCIENCE IN COMPUTER SCIENCE

**University of Toronto**

Computer Science Specialist

Cumulative GPA : 3.85/4.0

Year of Graduation: 2026

## SKILLS

### BACK-END

- Extremely experienced in working with **Python**
- Strong grasp of OOP in **Java**

### FRONT-END

- HTML, CSS, and JavaScript
- React.js
- Bootstrap

## PROJECTS

### FACE FINDER

**React, Node, Express**

- Full stack program that uses APIs that are able to recognize a face and possibly match it based on a Google search
- Has an added "local" feature that allows for users to save a picture into a database that will be used for future searches

### HUFFMAN TREE COMPRESSION

**Python**

- Software that uses Huffman encoding to compress any type of file (lossless compression)
- Uses the tree abstract data type and methods that involve recursion to implement Huffman's algorithm

### TETRIS

**Java**

- Uses the JavaFX GUI and object-oriented programming to create a functional Tetris game with added features such as saving boards as well as changing the speed of the game
- Uses the model-view controller design pattern to control the display and user inputs