

# Abhin Tomar

647-787-9055 | [abhintomar1@gmail.com](mailto:abhintomar1@gmail.com) | [linkedin.com/in/abhin-tomar](https://www.linkedin.com/in/abhin-tomar) | [github.com/abhin-T](https://github.com/abhin-T)

## PROFILE SUMMARY

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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 languages such as Python, Java, C and JavaScript and using frameworks such as React.

## EDUCATION

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### Univeristy of Toronto

*Honors Bachelors of Science in Computer Science*

Toronto, ON

*Sep. 2021 – May 2026*

- Program of Study: Computer Science Specialist
- Cumulative GPA: 3.84/4

## PROJECTS

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### Face Finder | *Javascript, React, Node.js, Express.js, Axios, Bootstrap*

July 2022 – Present

- Developed a full-stack application that is able to recognize a face and match it to a person's name based on a Google image search
- Implemented an extra "local" feature which allows for users to save a picture into a database that can be used for future searches
- Used Axios to send 'Get' and 'Post' requests to various APIs

### Portfolio Website | *Javascript, React, Node.js, Axios, Bootstrap*

Dec 2022 – Jan 2023

- Developed a front-end responsive website that displays my portfolio
- Utilized the 'react-intersection-observer' library that allows users to automatically scroll to different sections of the page
- Implemented a 'Contact Me' section that allows users to send me an email using the form with 'Email.js'
- Hosted using Netlify on domain: [abhinsportfolio.netlify.app](https://abhinsportfolio.netlify.app)

### Huffman Tree Compressor | *Python*

Mar 2022 – Apr 2022

- Developed a python application that can compress and then decompress any type of file in the form of lossless compression
- Incorporated Huffman encoding that uses the binary search tree ADT in order to efficiently compress files

### Tetris | *Java, JavaFX, Junit*

Oct 2022 – Dec 2022

- Developed Tetris on Java using the JavaFX GUI library to load the game
- Implemented features such as speed-up and saving/loading instances of the game using Object Oriented Programming
- Incorporated various tests to ensure the application contains no bugs using the JUnit framework

## TECHNICAL SKILLS

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**Languages:** Java, Python, C, JavaScript, HTML/CSS, MongoDB

**Frameworks:** React, Node.js, Express.js, JUnit, Bootstrap, PyGame

**Developer Tools:** Git, Bash, VS Code, PyCharm, IntelliJ

**Libraries:** Matplotlib, JavaFX, Itertools, Axios