

Abhin Tomar

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PROFILE SUMMARY

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

Univeristy of Toronto

Honors Bachelors of Science in Computer Science

Toronto, ON

Sep. 2021 – May 2026

- Program of Study: Computer Science Specialist
- Cumulative GPA: 3.85/4

PROJECTS

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

SmarTrack | *Python, Flask, HTML, CSS*

Apr 2023 – Present

- Developed a web application that uses computer vision to track and classify packages on a conveyor belt from a given video
- Applies machine learning frameworks such as OpenCV and YoloV8 to detect unique packages and track their paths

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

Languages and Databases: Java, Python, C, JavaScript, HTML, CSS, MongoDB

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

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

Libraries: Matplotlib, JavaFX, Itertools, Axios