

Ethan Bhalla

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EDUCATION

Western University

Bachelor of Engineering Science, Software Engineering

September 2022 - Current

London, On

PROJECTS

[WizeWay.AI](#)

HackWestern

November 2023

London, On

- A project created at HackWestern's hackathon, that integrates Taipy's advanced database management capabilities with Generative AI APIs using Python.
- Allowed inputs from users, including their place of destination, the number of individuals traveling (separated by Adults and Kids), the time period traveling, and special interests.
- Created a locally run website that generated a travel Itinerary using real-time data supported by GPT-4.0.
- **Exposed to:** Python-based frameworks, Generative AI API's, CSS, HTML

Health And Wellness App

Freelance

February 2024

London, ON

- Currently in the process of building a Health and Wellness app on React Native that uses a database to track calories using Machine Learning Algorithms to count calories based on pictures taken by the user.
- The app also aims to generate Meal Plans and Workout using the Open-AI wrapper. Using this wrapper, we will also create a chatbot that gives tips and tricks to workout plans is also included.
- Aiming to encourage new gym-users to use the app to get exposed to a new environment and to promote a more health-conscious lifestyle.
- **Exposed to:** Python, Database building and Machine Learning, Google Cloud, and React Native Frameworks.

WORK EXPERIENCE

Fund Homecare Canada

Event Coordinator and Tech Support

February 2021 – Current

Mississauga, Ontario

- Lead the community event committee which aimed to diversify Fund Homecare's target markets to promote in-person events to larger audiences over various social media platforms.
- The technology lead for the organization's events which included the implementation of Point-Of-Sale Systems, setting up wireless networks, and aiding the creation of the organizations websites.

Cargo Airport Services

Cargo Technician

July 2022 – August 2022

Mississauga, Ontario

- Ensured that preparation and processing of work orders for cargo to be delivered to customers on schedule, and in a safe and efficient manner.
- Directly assisted customers with the processing of shipments and export declaration. Ensured the completion of import and export good forms for future processing.

Courses, SKILLS & INTERESTS

- **Courses:** Data Structures and Algorithms, Web Scripting, Software Design and Construction, Object-Oriented Programming, CompTIA A+ Core 1, CompTIA A+ Core 2, CompTIA Linux+, CompTIA Security+
- **Technical Skills:** Java, Python, JavaScript, C#, Taipy, React Native, Google Cloud, JavaFX, Unity
- **Awards:** Western Scholarship of Distinction, University of Waterloo Avogadro Certificate of Distinction, Grade 9-12 Academic Proficiency