Kashish Mittal

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EDUCATION

Honours Bachelor of Science, University of Toronto Sept 2022 – June 2026
Computer Science Specialist, Arts and Science Internship Program(Co-op)
- **GPA**: 4.0/4.0, **Dean's List Scholar Winter 2023**
- **University of Toronto International Scholar Award Recipient**: scholarship amounting to 100,000 CAD

TECHNICAL SKILLS

Languages: Java, Python, SQL (MySQL), JavaScript, HTML5, Tailwind CSS
Frameworks: React, Next.js

EXPERIENCE

Front-End Developer Sept 2023 – Present
University of Toronto Machine Intelligence Student Team (UTMIST) *Toronto, Ontario*
- Rebuilding UTMIST's website from scratch using **Next.js and Tailwind CSS**, aligning with Figma design specifications for a **responsive and visually appealing** site.
- Implementing dynamic web pages, extracting content from **YAML files** for real-time updates and seamless content management.
- Collaborating closely with **design** teams, resolving technical challenges, and ensuring website performance and reliability.

Software Developer May 2023 – Sept 2023
Intelligent Adaptive Interventions Lab, University of Toronto *Toronto, Ontario*
- Collaborated closely with the research team to conceptualize, design, and implement the user interface and **frontend components** of a tool designed to streamline the management of multiple text variations when utilizing **Large Language Models (LLM).**
- Utilized **React** to create responsive and visually appealing user interfaces and added human-AI co-writing features using **GPT-4 API**.

PROJECTS

DiscoverCity | *Java, JSON* *Oct 2023 –Dec 2023*
- Successfully led a four-member team in developing DiscoverCity, a travel app that leverages the **OpenTripMap API** for location suggestions and stores user data in a **JSON** file.
- Achieved a significant milestone by implementing **Clean Architecture** principles and incorporating **design patterns like Strategy and Simple Factory**, ensuring future scalability and adaptability to evolving APIs
- Drove the creation of a comprehensive testing suite **(unit, integration, end-to-end tests)**, covering **75% of the codebase**, ensuring the app's reliability.

Academic Weapon | *React, Flask, Python* *NewHacks 2023*
- Collaborated in a team of 4 to develop Academic Weapon, a tool that transforms digital and handwritten notes into interactive flashcards and quizzes using **GPT-3.5** and **Microsoft Azure's OCR**.
- Spearheaded the project's frontend development using **React**, ensuring a user-friendly and intuitive interface for flashcards and quizzes.
- **Collaborated with the backend team** to fetch and display data, ensuring smooth data flow and synchronization with the AI-powered GPT-3.5 engine.

Compel-O-Meter | *Python, Flask* *Feb 2023 –July 2023*
- Collaborated in a team of 4 to develop Compel-O-Meter, a learning algorithm that can determine the compellingness of a text by assessing the degree to which it successfully incorporates pathos (emotion) and logos (reasoning)
- Researched and leveraged techniques such as **Parse Trees, parts of speech tagging, and sentiment analysis** to analyze the textual content.
- Integrated Python libraries like **SpaCy and NLTK** for improved accuracy and meaningful insights from the text.