Kashish Mittal

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Technical Skills

Languages: Python, SQL(MySQL), JavaScript, HTML/CSS
Frameworks: React, Flask, WordPress
Developer Tools: VS Code, PyCharm

Education & Awards

Bachelor of Science(Hons) Computer Science, University of Toronto Sept 2022 – July 2026

- **GPA**: 4.0/4.0
- **Dean's List Scholar Winter 2023**: Distinction awarded for having a GPA above 3.5
- **University of Toronto International Scholar Award Recipient**: scholarship amounting to 100,000 CAD

Experience

Research Volunteer May 2023 – Present

Intelligent Adaptive Interventions Lab, University of Toronto

- Contributing to a react project, focusing on front-end tasks to integrate GPT-4 by incorporating a range of AI features allowing users to generate text and images in the TinyMCE text editor.
- Conducting qualitative analysis of interviews for the Identity Reframing Project, investigating if anyone can learn to code.

Software Developer Sept 2022 – May 2023

University of Toronto Freelancers' Organisation, Toronto ON

- Worked in a 4-member team responsible for developing client-specific software solutions by leveraging various programming languages including Javascript to adapt to project needs.
- Played a pivotal role in the design process, contributing to the creation of the contact us page and implementing visually appealing buttons for the Canadian Society of Civil Engineers website.

Website/IT Manager Sep 2022 – May 2023

Trinity Times, Toronto ON

- Collected and incorporated user experience feedback to re-design the website's homepage and column categories, which boosted article clicks and increased mailing list subscription by double-digit figures.
- Collaborated closely with the Co-Website Manager and Co-Editors-in-Chief to ensure seamless content scheduling and resolve technical issues.
- Distributed newspapers across Trinity College and built connections with students to increase engagement which helped Trinity Times achieve a 100 percent distribution for its first in-print publication.

Projects

Computer Science Project(CSC111), University of Toronto, Winter 2023 | *Python, Flask*

- 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)
- Reaseached 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.
- Feedback from TA described the project as ***'truly exceptional'*** , demonstrating ***'both a level of computational and intellectual maturity'.***

Personal Website | *React, HTML/CSS, Bootstrap*

- Designed and developed a dynamic and interactive personal website using the React library of JavaScript to showcase my skills and projects.
- Incorporated Bootstrap's CSS classes and pre-built components to efficiently structure and style various elements of the website to allow for consistent and visually appealing aesthetics, while also ensuring ease of maintenance and scalability
- Designed a personalized user interface, ensuring a distinctive and visually captivating website layout that aligns with my individual preferences.
- Utilized React hooks to create interactive components, enhancing user engagement and interactivity on the website.