

Bhavdeep Arora

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EDUCATION

Toronto Metropolitan University (Formerly known as Ryerson University) Toronto, ON
Bachelor of Science (Honours) - Computer Science Sep. 2022 - 2026 (Expected)
• Relevant Coursework: Data Structures, Algorithms, Software Engineering, Operating Systems, Data Science

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, PHP, Ruby, Elixir, Haskell, Rust, Go
Frameworks: React, Node.js, Tailwind, Django, Flask, WordPress
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform
Databases: MySQL, SQLite, MongoDB, Oracle, AWS, Azure, Firebase

EXPERIENCE

Malphigi | *Cofounder* April 2024 - Present
• Conceptualized and **co-founded Malphigi**, a platform where users can access a profile section for their email contacts
• Implemented a system that automatically adds email senders to a **centralized database** upon receiving an email, enabling seamless profile creation.
• Integrated **OpenAI LLM token bot** to generate and summarize email content, enhancing user experience and productivity.

PROJECTS

Stockify | *Python, MySQL, Excel*
• Integrated **Alpha Vintage API** for real-time stock data retrieval
• Implemented algorithms for data processing and analysis
• Organized and analyzed stock data efficiently using SQL database and Excel, facilitating streamlined decision-making processes

Bug Reporting System (BRS) | *Python, Flask, SQLite3, JavaScript, HTML, CSS*
• Designed and developed a Bug Reporting System (BRS) app to streamline the process of reporting and managing software bugs or defects
• Implemented **user authentication feature** for secure access to the system, enhancing data confidentiality and integrity
• **Created graphical representations** of bug trends for **better sprint planning**, improving overall project management efficiency

Calvin and Hobbes Quoter | *Python, Flask, JSON*
• Developed a Flask-based API for a Calvin and Hobbes quote application, improving scalability and flexibility for future enhancements
• Designed and implemented a robust system to receive and store quotes in a JSON file, resulting in efficient retrieval and management of quotes
• Ensured seamless integration of the API, providing a user-friendly interface for easy access to quotes, leading to a 25% increase in user engagement

VOLUNTEER EXPERIENCE

Inspire Event 2023 | *Speaker Coordinator Team Leader* January 2023 - March 2023
• Coordinated speaker events, ensuring smooth execution
• Secured influential and engaging speakers aligned with event goals

Sci Exchange at Toronto Metropolitan University | *Volunteer & Assistant* September 2023 - April 2023
• Provided guidance and support to participants and visitors
• Engaged actively with numerous participants, fostering a positive environment
• Contributed significantly to post-event cleanup and organization efforts