

# Bhavdeep Arora

Student | Full Stack Developer | AI Engineer | Data Scientist

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## EDUCATION

**Toronto Metropolitan University (Formerly known as Ryerson University)**

Toronto, ON

*Bachelor of Science (Honours) - Computer Science*

*Sep. 2022 - Present*

- Relevant Coursework: Data Structures, Algorithms, Software Engineering, Operating Systems, Data Science

## PROJECTS

**Stockify** | *Python, MySQL, Replit, Excel*

- Implemented the data retrieval from Alpha Vintage API and structured data into an SQL database
- Developed a Discord bot for real-time stock information
- Organized data into an Excel sheet for streamlined analysis

**Portfolio Website** | *React, Javascript, HTML, CSS, Vercel*

- Crafted a dynamic portfolio website using ReactJS, JavaScript, HTML, CSS
- Successfully hosted the website on Vercel for seamless accessibility
- Implemented EmailJS for backend email database integration

**Calvin and Hobbes Quoter** | *Python, Flask, JSON*

- Developed a Flask-based API for a Calvin and Hobbes quote application
- Designed and implemented a system to receive and store quotes in a JSON file
- Ensured seamless integration of the API for easy retrieval of quotes

## 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 - Present

- 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

## CERTIFICATIONS

**Harvard CS50** | *Introduction To Computer Science*

July 2021

- Gained a solid understanding of fundamental computer science concepts
- Developed proficiency in programming languages such as C, Python, and web development
- Acquired problem-solving techniques essential for addressing complex challenges

**FreeCodeCamp** | *Scientific Computing with Python*

August 2021

- Mastered Python fundamentals and data manipulation skills
- Explored complex data structures and gained networking knowledge
- Developed expertise in working with relational databases and data visualization

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, MySQL, JavaScript, HTML/CSS, R

**Frameworks:** React, Node.js, Tailwind, Django, Flask, WordPress

**Developer Tools:** Git, Docker, MongoDB, TravisCI, Google Cloud Platform

**Libraries:** pandas, NumPy, Matplotlib, xlswriter