

# Bhavdeep Arora

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## EDUCATION

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

*Bachelor of Science (Honours) - Computer Science*

Toronto, ON

*Sep. 2022 - Present*

## PROJECTS

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**Stock Anaylsis** | *Python, MySQL, Replit, Excel*

May 2023

- Fetch Data from Alpha Vantage API and organize data into an SQL database
- Made a discord bot with it
- Organized it into an excel sheet and implement real-time stock information

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

December 2023

- Developed a dynamic portfolio website using ReactJS, Javascript, HTML, CSS
- Hosted Seamlessly on Vercel
- Used EmailJS for my backend database to get client-side emails

## VOLUNTEER EXPERIENCE

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**Inspire Event 2023** | *Speaker Coordinator Team Leader*

January 2023 - March 2023

- Assist the team in organizing speaker events
- Ensuring smooth execution of events by managing all aspects related to the speakers
- Secure influential and engaging speakers who align with the event's goals and objectives

**Sci Exchange at Toronto Metropolitan University** | *Volunteer & Assistant*

September 2023 - Present

- Provided expert guidance and support to participants and visitors
- Enthusiastically welcomed and engaged with numerous participants
- Played a vital role in post-event cleanup and organization efforts

## CERTIFICATIONS

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

July 2021

- Foundational Concepts: Gain a solid understanding of fundamental concepts in computer science, providing a strong basis for further exploration in the field
- Programming Proficiency: Develop proficiency in programming languages such as C, Python, and web development, enabling the ability to create software applications across different domains
- Problem-Solving Skills: Acquire problem-solving techniques essential for addressing complex challenges in computer science, fostering a strategic and analytical mindset.

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

August 2021

- Python Fundamentals: Master the fundamentals of the Python programming language, including syntax, data types, and control structures, laying a solid groundwork for application development.
- Data Structures and Networking: Explore complex data structures, enhancing skills in organizing and manipulating data. Additionally, delve into networking concepts, understanding how data is transmitted and received across computer networks.
- Relational Databases and Data Visualization: Gain expertise in working with relational databases, learning how to design and manage structured data. Develop skills in data visualization, enabling effective communication of insights through graphical representation.

## TECHNICAL SKILLS

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**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