

# 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  
**Office Tools:** Word, Excel, PowerPoint, Jira

## EXPERIENCE

**Path to Menzoberranzan Developer** | *Osiris, Git, XML, JSON, LSLib, PAK Tools* April 2025 - Present  
• Collaborating with a team of 100+ developers to create a three-act DLC mod for Baldur's Gate 3  
• Implementing custom dialogue trees and quest logic using Larian's Osiris scripting system  
• Working with game asset PAK files to integrate custom content while maintaining compatibility with the base game

## PROJECTS

**Bug Reporting System (BRS)** | *Python, Flask, SQLite3, JavaScript, HTML, CSS* | [Github](#)  
• 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* | [Github](#)  
• 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

**Personal Portfolio Website** | *React.js, CSS, Vercel, Framer Motion* | [Github](#)  
• Designed and developed a fully responsive portfolio website showcasing projects and skills  
• Implemented **smooth animations** using Framer Motion to enhance user experience  
• Optimized site performance with **lazy loading** for faster load times

## 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 2024  
• 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