

GUNEET BOLA

647-987-5343 | gbola@uwaterloo.ca | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Education

University of Waterloo

Sep. 2020 – Expected May 2025

Honours Bachelor of Computer Science - GPA: 3.8

Waterloo, Ontario

Relevant Coursework: Elementary Algorithm Design and Data Abstraction, Object-Oriented Software Development

Technical Skills

Languages and Frameworks: Python, C, C++, R, React.Js, SQL, HTML, CSS, Flask, Swift, Bootstrap, Scrum, XP, Kanban

Tools and Technologies: Git, Figma, Visual Studio Code, GitHub, Netlify, Agile

Work Experience

Software Developer (Co-op)

May 2021 – Aug. 2021

University of Waterloo – WIL Programs

Waterloo, Ontario

- Developed course features in interactive course catalogues to improve participation for **1000+ students** in **15+ courses**.
- Designed mockups for **10+** website components using Figma to improve the **UI/UX** of multiple courses.
- Improved front-end design by completing **20+ user-tests** and integrating website enhancement recommendations.
- Optimized code and improved accessibility by integrating ARIA labels and alt tags across all applications.

Mathematics and Science Tutor

Jul. 2019 – Jul. 2020

MathMagician Inc.

Brampton, Ontario

- Supported and created lesson plans in mathematics and science for students of all ages with **100%** satisfaction rate.
- Achieved an increase in student grades by at least **10%** by encouraging curiosity to learn in a supportive environment.

Projects

Artist Search | | HTML, CSS, Bootstrap, React.Js, REST API

- Developed a search engine with the ability to search **100,000+ artists** from around the world.
- Implemented the **Spotify REST API** containing information on artist's top music, genres, and biographical data.
- Provided users with the ability to access all musicians' information on one platform and listen to their top tracks.

Stock Trader | | Python, Flask, HTML, CSS, SQLite

- Programmed an interactive stock market platform where users can mock-trade **1000+ stocks** in real-time.
- Leveraged a **stock market API** to facilitate stock market queries with real-time information.
- Implemented login and registration user-authentication along with the ability to examine current shares and past history using **SQLite and Flask**.

Chess | C++

- Designed and developed a multi-level, two-player chess game with computer player options using **AI** and **object-oriented** design principles.
- Created a **GUI** using XQuartz by improving efficiency by **10%** and implemented text-display to enhance the **UI/UX**.

Weatherview | | Swift

- Implemented the **OpenWeather API** to develop a **dark mode** enabled app where users can find **global** weather data.
- Assembled weather data from the **iPhone's GPS** to execute the **current location** feature.

Extracurricular

Microsoft Student Ambassador

Oct. 2021 – Present

Microsoft Cooperation

- Strived to providing educational resources to students in the local and school community to facilitate **technological education**.

Logistics Executive

Jun. 2021 – Present

University of Toronto Hackathon

Toronto, Ontario

- Organized the logistics of a hackathon with **100+ participants** to enable software and design education.
- Identified and examined relevant and innovative technologies to organize **4+ workshops** led by industry leaders and a meaningful hackathon for students from all educational backgrounds.

Class Representative

Feb. 2021 – Present

Computer Science Club

Waterloo, Ontario

- Advocated for **800+ Computer Science students** at the University of Waterloo to ensure that they receive the necessary educational resources and social opportunities.
- Collaborated with others to create engaging events that improved participation by at least **10%** to strengthen the tech community at the University of Waterloo.