GUNEET BOLA

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Education

University of Waterloo   **Sep. 2020 – Expected May 2025**
Honors Bachelor of Computer Science - GPA: 3.9   *Waterloo, Ontario*
Relevant Coursework: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Object-Oriented Software Development

Technical Skills

Languages and Frameworks: Python, C, HTML, CSS, React.js, Flask, Bootstrap, Racket
Tools and Technologies: Git, Figma, Visual Studio Code, GitHub, Netlify

Work Experience

Software Developer (Co-op)   **May 2021 – Aug. 2021**
University of Waterloo – WIL Programs   *Waterloo, Ontario*

- Developed course features in interactive course catalogues using **HTML5**, **CSS**, **JavaScript**, and **Bootstrap** to improve student participation in **15+ courses** for **1000+ students**.
- 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%** approval rate.
- Achieved an increase in student grades of at least **15%** by encouraging curiosity to learn in a supportive environment.

Projects

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

- Developed a search engine used by **30+ users** 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.

ASLearn | **GitHub** | *Python, Keras, OpenCV, Tensorflow, NumPy*

- Developed an application with the ability to detect hand-movements that correspond to American Sign Language letters.
- Improved learning experience for **20+ users** through **100%** accuracy.

Stock Trader | **Video**   **GitHub** | *HTML, CSS, SQLite, Flask, Python*

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

UniBot | **Link**   **GitHub** | *HTML, CSS, SQLite, Python, Socket.io, JavaScript*

- Designed and developed an interactive student mentorship platform where aspiring post-secondary students can connect with alumni and current post-secondary students.
- Implemented convenient features such as a login page, profiles, and registration for mentors and mentees.
- Facilitated **two-way communication** through a chat feature created using **Socket.io**.

Leadership / Extracurricular

Logistics Executive   **Jun. 2021 – Present**
University of Toronto Hackathon   *Toronto, Ontario*

- Planned 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.