

Ricardo Lazo

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Education

University of Guelph, Bachelor of Computing, Computer Science Sept 2022 – May 2025

- **Coursework:** Data Structures, Object-Oriented Programming, Software system development and integration, Algorithms, Software Engineering, Operating Systems, Discrete Math, Web Design and Development

Experience

Warehouse Associate, Core Mark International – Milton, ON May 2024 - Aug 2024

- Managed order picking and palletizing tasks, efficiently preparing and loading more than 1,000 units of milk products daily, ensuring an increase in process efficiency 15% by optimizing packing techniques.
- Achieved an accuracy rate 98% in inventory management and order fulfillment within tight deadlines, significantly contributing to the team's ability to exceed productivity goals by 20% each quarter.

Construction Labourer, Court Surface Specialists – Mississauga, ON June 2023 – Aug 2023

- Played a key role in a three-person crew, completing construction projects 30% faster than company averages by improving teamwork and communication, leading to a high customer satisfaction rate.
- Utilized practical math skills to ensure measurements and project specifications were accurate, minimizing material waste, and reducing project costs.

Projects

Personal Portfolio Website: GitHub Repository Feb 2025

- Developed a responsive personal portfolio website using React and CSS, showcasing projects and skills, with optimized performance
- Implemented dynamic themes and interactive UI components, improving user experience and engagement, with seamless updates through GitHub deployment.
- Tools Used: JavaScript, HTML, CSS, React JS, Node

Discord Bot: GitHub Repository Jan 2024

- Developed and deployed a multifunctional Discord bot to more than 50 users on 4 servers, reducing server management enhancing user engagement.
- Enhanced user experience by integrating a feature for audio streaming from YouTube to Discord voice channels, utilizing advanced library functionalities to support shared listening environments.
- Tools Used: Python, discord.py

Employee Database System: GitHub Repository Feb 2023

- Engineered a C employee database management system, employing data structures such as linked lists and dynamic memory allocation to ensure efficient and secure management of employee records.
- Implemented features to add, delete, search, and sort employee information, significantly improving the usability and accessibility of the system for end users.
- Tools Used: C

Technical Skills

Languages: Python, C, JavaScript, HTML, CSS

Technologies/Frameworks: Git/GitHub, Docker, mySQL, React JS