

# Ricardo Lazo

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## Education

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**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

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

- In charge of order picking and palletizing. Efficiently prepared and loaded more than 1,000 units of milk products daily, ensuring increased process efficiency.
- Achieved an accuracy rate of 98% in inventory management and order fulfillment within tight deadlines, which significantly contributed to the team's ability to exceed productivity goals by 10% 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 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 by 20%, and reducing project costs.

## Projects

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**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 a multifunctional Discord bot for more than 30 users on 3 servers, reducing server management and 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 user usability and accessibility of the system.
- Tools Used: C

## Technical Skills

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**Languages:** Python, C, JavaScript, HTML, CSS, Java

**Technologies/Frameworks:** Git/GitHub, Docker, MySQL, React JS