

# Luke Zosiuk

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## EDUCATION

### University Of Lethbridge

Computer Science BSc

Lethbridge, Alberta

Graduation Date - December 2024

- Computer Science Club, Robotics Club, Hackathon 2022.

## WORK EXPERIENCE

### Wallace & Carey

Junior Developer

Calgary, AB

April 2023 - September 2023

- Developed the back end of a multi-million dollar investment into a new ERP system for the company. Used mySQL in C# to insert data into the ERP system, following good SQL Database practices.
- Used the Microsoft .NET C# framework to help manage code and build new systems. Following best practice software development tactics.
- Demonstrated a core value of version control and managing clean and well documented code. Worked in a strong structured team in technical services showing abilities to finish tasks under tight deadlines and strict work environments.
- Helped manage the back end of IT working with a team to create a streamlined flow of IT tickets for the company.
- Remotely employed with a Company Computer and illustrated a determined work ethic to finish a task at hand. Was offered full-time employment after Internship ended, exhibiting the ability to work in the company.

### University Of Lethbridge

STEM Outreach Instructor (Technology)

Lethbridge, AB

April 2024 - Present

- Create STEM workshops with my BSc in Computer Science to help inspire youth to engage in post-secondary education.
- Use C++ API's to build Arduino Projects to solve problems in today's world.
- Use Microsoft Suite such as Excel to determine sale factors and inventory sheets. Producing an EOD report to track sales and determine each area needing improvements.
- Managed a web project from a facet of the University called Destination Exploration where we market enrollment and workshops to fellow peers and teachers across Western Canada.

## PROJECTS

### University Of Lethbridge

Computer Science

Lethbridge, AB

- Created a secure Decryption and Encryption Algorithm using DES/AES and implemented it into C++ code. This can be used to decrypt and encrypt sensitive information all built on a HSM.
- Using JS, CSS and HTML I helped lead a team to create a fully functional Solar System within a 3D graphical environment pulling API's from cloud sources and using texture wraps directly off NASA's imaging sites.
- Competed in a University Wide Hackathon where a team and myself created a fully functional text based game with a GUI, implementing a combat system using a true random number generator using an agile form of development.

## COURSES

Data Structures and Algorithms, Computer Architecture, Computer Graphics, Linear Algebra, Fundamentals of programming 1 & 2, Digital Systems, Web Development, Graphical Design, Discrete Structures, Mathematical Concepts, Quantitative Reasoning,