

LIAN LUNGLER

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<https://github.com/Zumh> | <https://zumh.github.io>

EDUCATION

Software Engineering Technology
Conestoga College

2024 – 2027

- Focused on problem-solving and large-scale software development.
- Maintaining 90% in the overall average.

EXPERIENCES

Game development and 3D graphics
Conestoga College

2024 – present

- Led a team to conceptualize and develop a game under tight deadlines, applying rendering techniques and game development principles to deliver a functional prototype, while coordinating team efforts to ensure project completion.
- Developing a 3D graphics engine from scratch using C, mastering 3D math, transformations, and rasterization, and implementing core rendering algorithms without external libraries.

Full stack web development
University of Helsinki

2023 - present

- Completing the University of Helsinki's "Full Stack Open" course, covering modern web development with React, Node.js, MongoDB, GraphQL, and TypeScript.
- Gaining hands-on experience in building single-page applications and RESTful APIs.

Full stack E-Commerce Development

2023 - present

- Developed a full-stack e-commerce application using Ruby on Rails 7, integrating Hotwire for real-time features and Tailwind CSS for responsive design.
- Implemented Stripe payment processing and PostgreSQL for database management, building a secure and scalable platform from scratch.

Data Analysis

2023 – present

University of Helsinki

- Completing the University of Helsinki's "Data Analysis with Python" course, focusing on data manipulation, visualization, and machine learning using Python, NumPy, Pandas, and Matplotlib.
- Developing practical skills in statistical analysis and real-world data project implementation.

Head of church's IT

2008 – 2014

Kitchener Chin Baptist Church

- Installed, configured, and maintained audiovisual equipment, managed the church's Wi-Fi network, and performed regular maintenance on laptops and desktops to ensure reliable performance. Provided technical support to staff and members, implemented data backup and security protocols, and trained volunteers on IT systems. Collaborated with church leadership to address technology needs, supporting services and events effectively.

SKILLS

Technical Tools: C/C++, Python, JavaScript, SQL

Familiar: PowerShell, Bash, Windows, Linux

Teams: Time management, clear communication, good listener, team player.

Language: Hakha (Chin), Burmese, English

INTERESTS

Machine Learning, Rust, Haskell, Data Science, Teq Ball, Math, Self-taught.

References available upon request