

Thomas Rynsburger

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EDUCATION

Mount Royal University

Bachelor of Computer Information Systems – President's Honour Roll

Calgary, AB

Sept 2025 – Present

Athabasca University

39 Credits Completed towards BSc in Computing and Information Systems

Red Deer, AB

Sept 2020 – May 2024

AWARDS & ACCOMPLISHMENTS

Louise McKinney Post-Secondary Scholarship | *Government of Alberta*

Fall 2026

- Provincial merit scholarship awarded for top academic standing (top 2% of program) across post-secondary institutions in Alberta.

Cisco Systems Scholarship | *Cisco Systems*

Fall 2026

- Awarded based on academic achievement to full-time students enrolled in the BCIS program.

PROJECTS

Chained to Oakvale | *Godot, GDScript, Aseprite, Git*

[Devpost](#) | [GitHub](#)

- Awarded 2nd Place at MRUHacks 2025 for designing a fully functional 2D game within 24 hours.
- Developed core game controls, level design, and state management in GDScript for smooth animations.

Alice in Javaland | *Java, XML, Git*

- Designed an extensible, text-based adventure game applying core Object-Oriented Design (OOD) patterns.
- Implemented a custom XML parser to dynamically load game worlds, inventory states, and items.
- Wrote comprehensive documentation and unit testing.

Tsunami Discord Bot | *Python, Replit, Discord API*

- Built an automated Discord music player utilizing YouTube and Discord Dev API to fetch and manage audio streams.
- Implemented dynamic song queuing and playback state controllers.

Visual Sorting Algorithm | *C++, SFML, Git*

- Created an graphical application using the SFML library to display a real-time visualization of the Bubble sort algorithm.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C/C++, SQL, Bash, GDScript, HTML/CSS, Assembly

Tools & Platforms: Git, Github, VS Code, Linux, Emacs

EXPERIENCE

Campus Store Associate

Sept 2025 – Present

Mount Royal University – Cougars Campus Store

Calgary, AB

- Manage inventory tracking, restocking, and inventory processing.
- Process and fulfill online and in-person orders through store point-of-sale and inventory management systems.

Trampoline Manufacturer & Technical Support

Oct 2020 – Aug 2025

Trampoline World

Red Deer, AB

- Maintained quality control and followed detailed production instructions.
- Provided website and general technical support.
- Unloaded incoming shipments of trampoline parts.

Volunteer Camp Counselor & Staff

May 2024 – Aug 2024

Grand View Camp

Flagstaff, AZ

- Supervised groups of 5–10 campers weekly, organizing structured daily schedules, and prioritizing camper safety.
- Provided food prep, clean up, and food service in a professional kitchen under a head chef.