

Henry J. van Weelderen

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EDUCATION

University of British Columbia

Vancouver, British Columbia

- B.Sc.: Computer Science (Major), Data Science (Minor)
- GPA: 4.00/4.33 (Dean's List)

2024 – Present

Rundle College (www.rundle.ab.ca)

Calgary, Alberta

- Grade 10 – 12 academic average: 90% (Honors with Distinction)
- Alexander Rutherford Achievement Scholarship recipient

2011 – 2024

EXPERIENCE

Calgary Golf & Country Club, Grounds Crew

Calgary, Alberta

- Maintain facilities of a 115+ year old private golf course
- Part of team providing high-quality turf management and operating a range of specialized equipment.

Summers 2024, 2025

Calgary Stampede, Guest Services

Calgary, Alberta

- Customer service and security roles at various facilities

Summer 2023

One Exchange Corporation, Java Coder

Calgary, Alberta

- Diagnosed and reported critical issues for commodity-trading platform upgrades
- Performed system testing, defect tracking, and reporting test results to the development team.

Summer 2022

EXTRACURRICULAR

UBC, Faculty of Applied Science, Open Robotics, Software Team

Vancouver, British Columbia

- Selected to Software Team from amongst 100+ applicants
- Member of the Panorama project sub team, developing a scalable telemetry acquisition system that reads sensor data and displays performance metrics.
- Utilized to identify design flaws and gather data for machine learning models.

Sept. 2025 – Present

Rundle College, **FIRST Robotics** Team, Lead Coder (Java)

Victoria, British Columbia

- Coded a multi-directional, basketball-shooting robot, developing software for mechanical subsystems and integrating library structures to automate complex, remote-controlled tasks.
- Led a team of students, for planning, testing, and debugging to ensure robot functionality.
- Second-place finish at the Pacific Northwest Division vs. 29 Canadian and U.S.-based teams.

2022 – 2024

Rundle College, Sr. Basketball Team, Starting Center

Calgary, Alberta

- Selected to team after making significant commitment to practice and fitness in 2022
- Proactively and successfully managed team morale issues by demonstrating leadership and integrity

2023 – 2024

The Glencoe Club, Competitive Squash Player

Calgary, Alberta

- Completed 5-6 practices weekly; competed in 30+ provincial (top 5), regionals, and Nationals, traveling across Canada during school year; developed mental strength and focus on routine.

2015 – 2022

CODING

- **Projects:** Currently developing (1) an iOS start-up using Swift which allows students to more easily find roommates, and (2) an AI-driven cover letter developer using Google Gemini API and Selenium.
- **Skills:** Python, Java, JavaScript, R, CSS, HTML, Swift, and C#