

# Jordan Carvalho

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## EDUCATION

### University of Western

London, ON

*B.Eng. in Software Engineering with AEO to Ivey Business School*

Sep 2024 – Present

- **GPA:** 3.9/4.0 | **Relevant Courses:** Discrete Structures (91%), Programming Fundamentals (100%)
- **Activities:** Men's Varsity Curling Team (First String) and Under-20 Men's Curling Team
- **Case Competitions:** Business Foundations 1220/1299E Case Competition
- **Awards:** OUA Academic Achievement Award, U SPORTS Academic All-Canadian, Dean's Honour List (2025), Scholarship of Distinction (\$3,500), Ontario Winter Games (Mixed Doubles)–Silver Medal

## TECHNICAL EXPERIENCE

### Aureon Stocks

Toronto, ON

*Software Engineer*

June 2025 – Aug 2025

- Engineered backend systems in Python to process financial sentiment data from Reddit and Twitter
- Integrated Ollama-based NLP models to summarize insights and generate community-driven sentiment scores that feed the user relevant post and a score out of 10, improving investment decision tools
- Optimized SQL database queries, increasing data retrieval efficiency and data management

## PROJECTS

### Deep Sea Explorer

WEC (Software Design)

- Designed and built an interactive simulation game using real-world ocean datasets
- Implemented state management and algorithmic decision-making to model pressure, temperature, hunger, and environmental hazards
- Applied the engineering design process from ideation to final presentation in a team of four
- Tech: *JavaScript, HTML/CSS, JSON, Simulation Programming, Git/GitHub*

### Course Explorer

Web Application

- Built a responsive web app to browse, filter, and sort university courses from JSON datasets
- Designed clean front-end architecture with dynamic data filtering and intuitive UI/UX
- Tech: *JavaScript, HTML5, CSS3, Responsive Design*

## LEADERSHIP & EXPERIENCE

### Bayview Golf and Country Club

Toronto, ON

*Deck Supervisor*

May 2025 – Present

- Promoted to direct a team of 11 lifeguards, fostering collaboration and leadership while ensuring consistent safety standards for hundreds of members through a direct and supportive leadership style
- Implemented an improved scheduling system that enhanced staff reliability and reduced conflict
- Delivered emergency response and customer service training, strengthening communication, and boosting team confidence, leading to faster response times and higher member satisfaction

### Ontario Curling Council

Kitchener, ON

*Assistant Coach*

Aug 2025 – September 2025

- Coached 16 competitive athletes (ages 16–18) at a provincial summer training camp
- Collaborated with professional and Olympic-level coaches to design structured practice plans
- Fostered inclusive, high-engagement training environments

## SKILLS & INTERESTS

**Languages:** Python, Java, JavaScript, SQL, HTML5, CSS3

**Frameworks:** React, Node.js, Next.js

**Data & AI:** NLP, Machine Learning Algorithms, Web Scraping, Ollama, JSON Parsing

**Tools:** Git, GitHub, Supabase, Visual Studio Code, IntelliJ IDEA

**Interests:** Under 20 Men's Competitive Curling, Golf, Tennis, Pickleball, Swimming, Fitness, Formula 1