

# Jordan Carvalho

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## EDUCATION

**B.Eng. Science in Software Engineering with Advanced Entry to Ivey Business School** London, ON  
*University of Western Ontario* Sep 2024 – April 2028

- **GPA:** 3.9/4.0 | **Relevant Courses:** Discrete Structures (91%), Programming Fundamentals (100%)
- **Activities:** Men's Varsity Curling Team (First String) and Under-20 Ontario Men's Curling Team
- **Case Competitions:** Technology Consulting, Business Foundations 1220/1299E
- **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

**Software Engineer** Toronto, ON  
*Aureon Stocks* 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 by 15%**, increasing data retrieval efficiency and data management

## PROJECTS

**Deep Sea Explorer** **Western Engineering Competition (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

**Deck Supervisor** Toronto, ON  
*Bayview Golf and Country Club* 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 by 20% 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

**Assistant Coach** Kitchener, ON  
*Ontario Curling Council* Aug 2025 – September 2025

- Coached 16 competitive athletes (ages 16–18) at an **international 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:** Supabase, Visual Studio Code, IntelliJ IDEA, Git, GitHub

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