

Derwin Hauser

Troy, NY (Summer)

derwinhauser.com | <https://www.linkedin.com/in/derwinhauser/>

Education

Niagara University - Lewiston, NY

Major: B.S. in Computer & Information Science

Minors: Data Analytics, French, Information Security & Digital Forensics

Expected Graduation: May 2028 | **GPA:** 3.96 | **Dean's List:** Fall 24, Spring 25, Fall 25

Relevant Courses

- Artificial Intelligence, Web Programming, Computer Science II, Information Security, Networking & Communication Systems, Business Analytics, and Data Management.
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Technical Profile

Highly motivated student-athlete with a 3.96 GPA and a proven hard-working mentality. Experienced in shipping full-stack SaaS, developing complex mathematical models for financial arbitrage, engineering Java-based simulators, and managing enterprise-grade server infrastructure. Strong entrepreneurial background with a focus on delivering high-quality, client-facing results.

Technical Skills

- **Languages:** Java, Python, JavaScript, HTML, CSS, SQL
 - **Frameworks & Libraries:** JavaFX, Maven, OpenCV, NumPy, FastAPI
 - **Infrastructure & DevOps:** Proxmox VE, Virtualization, Apache2 Web Server, Google Cloud Compute Engine, TCP/IP Networking, Ethernet Infrastructure
 - **Tools & Platforms:** Git/GitHub, Advanced Microsoft Excel, OpenClaw AI Platform
 - **Quantitative:** Probability Theory, Statistical Analysis, Risk Assessment, Expected Value Modeling
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Technical Projects

OddsRift – Real-Time Sports Arbitrage & +EV SaaS | <https://oddsrift.com>

- Shipped a live SaaS that surfaces risk-free arbitrage and +EV bets in real time across 25 sportsbooks
- Architected the full stack on FastAPI, React19, PostgreSQL.
- Solo operator using Clerk, Sentry, Cloudflare and other services

Sports Betting Arbitrage Analysis & Automation

- Engineered a comprehensive mathematical modeling system in Excel to identify pricing inefficiencies across all major sportsbooks in NY
- Generated **\$5,500+ in profit within two months** by automating risk-free arbitrage calculations and bankroll management protocols
- Developed advanced modeling for parlay arbitrage and promotional conversion
- Scaled the strategy by mentoring and "coaching" others on systematic execution and risk management

WARWM Organization Website | <https://www.warwm.org>

- Sole developer for the World Association for Research on Workplace Mobbing – supports the 3rd Niagara Conference on Workplace Mobbing (July 2026)
- Build with zero frameworks/dependencies, hosted using Google Cloud Compute Engine on Ubuntu VM with Apache2

Blackjack Card Counting Simulator

- Developed a sophisticated **JavaFX** application to simulate thousands of blackjack shoes to analyze the impact of customizable casino rules on house edge.
- Engineered statistical modules to compute real-time expected value (EV), variance, risk of ruin, and bet size optimization.

Personal & Departmental Server Infrastructure

- Configured and currently managing the Niagara University CIS Department's enterprise server, utilizing **Proxmox** to host multiple VMs for student/faculty use.
- Designed and built a custom personal virtualization lab to test web scraping, lead generation, and local-first AI agents (OpenClaw).

Professional Experience

Mazzone Hospitality | *Houseman* | **May 2025 – Present**

- Designed and installed physical network infrastructure for server and POS stations at high-profile venues like Fasig-Tipton and Hall of Springs.
- Coordinated with event staff to ensure seamless execution of events, serving **50 to 500+ guests**

Cale's Detailing | *Owner & Operator* | **May 2021 – Present**

- Founded and scaled a professional automotive detailing business across two states (ND, AZ), managing all scheduling, inventory, and financial compliance.
- Demonstrate extreme "hustle" and time management by maintaining business growth while fulfilling athletic and academic commitments.

Firehouse Subs | *Store Manager* | **March 2023 – August 2024**

- Managed front-of-house operations and trained teams on safety, POS systems, and service standards.
- Hand-selected to relocate to Boca Raton, FL to lead an operational turnaround of a struggling location through staff training and process improvement.

Activities & Leadership

- **Niagara University Men's Hockey Team:** Commit 20+ hours weekly to training, travel, and competition; developed elite discipline, resilience, and a "team-first" mindset.
- **French Club Member:** Intermediate proficiency (A+ in all collegiate French coursework).