

Taha Malik

Canadian Citizen | Calgary, AB, T3K 6C7 | 587-839-6667 | tahammalikbo3@gmail.com
<https://www.linkedin.com/in/taha--malik/> | <https://github.com/taha-malik27> | <https://www.tahamalik.ca>

Education

Bachelor of Commerce (Finance) & Bachelor of Computer Science

Sept 2023 - Apr 2028 (Expected)

Haskayne School of Business, University of Calgary – Calgary, AB

- Topaz Energy Business Award, Louise McKinney Scholarship, Dr. Gary McPherson Leadership Award, Internation Business Award, Inspiring Business Leader Scholarship, Senator Stan Waters Memorial Scholarship | **GPA: 3.94 / 4.0**

Work Experience

Deloitte – Audit and Assurance Intern

Sept 2026 – Dec 2026

- Incoming Audit & Assurance Intern at Deloitte, supporting **financial statement audits**, **internal controls testing**, and **compliance reviews** for clients across diverse industries.

Ovintiv – Software Development Intern

May 2025 – Dec 2025 (Expected)

- Developed and deployed an Emergency Response Plan app in **ReactJS**, **Python**, and **Flask** via **Azure DevOps** and **CI/CD pipelines**, cutting incident reporting time by **35%** and boosting response efficiency for **100+ field employees**.
- Automating security access provisioning by integrating **ServiceNow** with **Python** scripts hosted on **Azure App Services**, secured via **Azure Key Vault**, and connected to **Oracle databases**, which reduced access provisioning time by **40%**.

American Eagle Outfitters - Sales Ambassador

May 2023 - Present

- Optimized stock arrangement and floor set each week to enhance visibility of merchandise and streamline inventory, improving purchase conversions and reducing inventory processing time by **around 10%**.
- Delivered exceptional customer service and drove sales by assisting **30-60 customers per shift**, ensuring smooth operations with accurate completion of **40-80 transactions** without errors.

Leadership Experience

Mechatronics Integration of Neural Dynamics (MIND) - Co-Founder and Co-President

Feb 2024 - Present

- Launched the club's financial and outreach systems, **securing \$8600 in funding** and recruiting **20+ R&D members** from **140+ applicants** across engineering disciplines, establishing MIND's foundational team and BCI development pipeline.
- Led a team of **10+ interdisciplinary students** to develop a BCI-controlled RC car using brain signals, applying frequency filters, independent component analysis, and threshold classification in **Python**.

Data Science and Machine Learning Club (DSMLC) - Vice President of Outreach

Nov 2023 – April 2025

- Oversaw club finances and built partnerships with **30+ professionals**, securing **\$5500 in sponsorships** and resulting in the club's largest event to date with **150+ attendees** and **20+ company participants**.
- Delivered workshops on **SciPy**, **NumPy**, and **Data Visualization** that enhanced the technical skills of **40+ students** and increased engagement in data science across the campus community.

Projects

CAPM-Based Portfolio Optimization & Forecasting

April 2025

- Built and optimized a 4-asset tangent portfolio in **Excel**, **maximizing Sharpe** to deliver **23.31%** annualized return at **18.48%** vol, outperforming **50** sample portfolios.
- Stress-tested **CAPM** through political shifts; post-2023 results showed alphas up to **+22.8% (GLD)** and **-23.5% (VEA)**, leading me to recommend **rolling-beta re-optimization**.

Skills

Finance & Valuation: Financial Modeling, Valuation (DCF, Comps), WACC, CAPM & Portfolio Optimization, Risk/Sensitivity & Scenario Analysis, Capital Structure & Budgeting, Regression, Time Series Forecasting

Accounting & Reporting: Financial Statement Analysis, GAAP/IFRS, Internal Controls & Assurance

Analytics & Tools: Excel (Solver, Power Query, PivotTables, VBA), Power BI, SQL, Python (NumPy, Pandas, SciPy), R

Programming & Platforms: JavaScript, HTML5, CSS, React, Node.js, Tailwind CSS, Flask, Java, Kotlin, C, ARMv8, JavaFX, Microsoft Azure, Git, Oracle, DBeaver, ServiceNow, Microsoft 365

Soft Skills: Strategic Thinking, Root Cause Analysis, Ethical Decision-Making, Leadership, Accountability, Strong Communication, Team Collaboration, Organization, Detail-Oriented, Agile, Impact-Driven, Positive Attitude

Languages & Interests

Languages: English, Urdu, Hindi

Interests: Neurotechnology, Financial Markets (Stocks, Bonds, and Options), Weight Training, and Hiking