Taha Malik

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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 2027 (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

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

iSolve – Website Development | https://isolve.info/   **ReactJS | Tailwind CSS | HTML5**

- Built several responsive websites using **ReactJS and Tailwind CSS**, improving client retention **by 50%** through strategic UI design, performance tuning, and mobile-first development.
- Translated client needs into technical specifications across multiple projects, **increasing online inquiries by 75%** and **reducing bounce rates by 40%** through tailored, goal-driven frontend solutions.

MINDStream - Electroencephalogram (EEG) Dashboard   **PyQT | BrainFlow | Matplotlib | VisPy**

- Designing a real-time EEG dashboard with **PyQT**, **BrainFlow**, **Matplotlib**, and **VisPy**, enabling EEG board integration, band filtering, and live signal visualizations, creating an end user friendly interface for **25+ researchers and students**.
- Implementing GPU accelerated graphics, multithreaded data collection, trial timers, and signal processing, increasing **experiment efficiency by 2×** and **boosting signal clarity by 3×** through optimized gain, sampling, and noise filtering.

Skills

Languages: JavaScript, HTML5, CSS, Python, SQL, Java, Kotlin, R, ARMV8, C

Libraries / Frameworks: NodeJS, ReactJS, Tailwind CSS, Flask, PyQT, VisPy, SciPy, NumPy, Pandas, PostgreSQL, JavaFX, Shiny

Technologies / Tools: Azure, ServiceNow, Git, Oracle, DBeaver, RStudio, Excel, Power BI, Microsoft 365

Soft Skills: Strategic Thinking, Root Cause Analysis, Financial Analytics and Modeling, 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