

LEIF HILL

Kingston, ON • leifhill.business@gmail.com

EDUCATION

QUEEN'S UNIVERSITY

Bachelor of Computing (Honours)

Kingston, ON

2024-Present

YALE SECONDARY SCHOOL

Dogwood Diploma

Abbotsford, BC

2020-2024

TECHNICAL SKILLS

PROGRAMMING LANGUAGES:

FRAMEWORKS & LIBRARIES:

TOOLS & PLATFORMS:

OTHER SKILLS:

Python, JavaScript, HTML/CSS, Java
PyTorch, Pandas, NumPy, Matplotlib, React, Express
Git, OpenBCI (EEG), Jupyter, Google Apps Script
Signal Processing, Data Analysis, Machine Learning, NLP

EXPERIENCE

QMIND (AI)

Innovation Design Team Member

Kingston, ON

2024-Present

- **Spearheaded signal processing** for EEG data, utilizing advanced **noise reduction techniques** to ensure high-quality inputs for **emotion recognition models**.
- **Integrated emotion recognition models** trained on EEG data with **NLP models**, enabling the generation of **emotionally informed text** for dynamic applications.
- **Collaborated** with a cross-functional team to optimize **data processing workflows**, improving the overall **system integration** and **model performance**.

McDONALD'S

Employee Experience Lead, Training Coordinator

Abbotsford, BC

2020-2024

- **Developed and implemented an internal tool** using **JavaScript**, **HTML/CSS**, and **Excel**, streamlining scheduling and data entry to enhance **operational efficiency**.
- **Led training and onboarding initiatives**, improving employee **engagement**, **morale**, and **retention** through effective coaching, performance reviews, and team-building events.

ABBOTSFORD MATH TUTOR

Private Math Tutor

Abbotsford, BC

2020-2024

- **Provided one-on-one tutoring** in **Precalculus** to students in grades 9-11, improving their understanding of **complex mathematical concepts**.
- Enhanced **problem-solving skills** and **analytical thinking**, helping students strengthen their foundation for future **STEM coursework**.

CERTIFICATIONS

- **Cybersecurity Foundation**, Palo Alto Networks — May 2022
- **Network Security Fundamentals**, Palo Alto Networks — August 2022
- **Cloud Security Fundamentals**, Palo Alto Networks — October 2022
- **Security Operations Fundamentals**, Palo Alto Networks — January 2023