

Oliver Kwun-Morfitt

Toronto, ON | 647-323-8175 | oliver.kwunmorfitt@mail.utoronto.ca | [LinkedIn](#) | [Github](#) | [Portfolio](#)

EDUCATION

University of Toronto St. George campus

Toronto, ON

Bachelor of Science in Computer Science — Focus in Artificial Intelligence, Minor in Statistics Sep. 2024 – May 2028

EXPERIENCE

Technical Writer

September 2024 – Present

University of Toronto Machine Intelligence Student Team

Toronto, ON

- * Implemented ML algorithms in Python notebooks
- * Wrote and published articles on Machine Learning and Its uses in trading

Programming Instructor

July 2022 – October 2022

Codezilla Kids

Toronto, ON

- * Taught children ages 7-14 programming fundamentals
- * Developed new curriculum with the Scratch programming language

Coding Club President

May 2023 – June 2024

Harbord Collegiate Institute

Toronto, ON

- * Led a group of 7-12 members, teaching and collaborating on competitive programming problems
- * Developed a web application to teach the *0-1 Knapsack* dynamic programming problem

PROJECTS

GPT-DOOM | *Python, Pytorch, Numpy, Matplotlib, Jupyter*

September 2023 – December 2023

- * Implemented **GPT transformer architecture** outlined in the paper *Attention Is All You Need*
- * Gathered and prepared entire artist discography to train on
- * Performed multi-step training and fine-tuning
- * Created web app to view results

sessions.ai | *React, Next.JS, TailwindCSS, Git, Python, OpenCV, LLM, Flask*

September 2024

- * In a team of 4, developed full-stack application, recording and parsing text from screen
- * Implemented **fine-tuned Ctrl-R** model to create questions based on study topics
- * Developed UI/UX with TailwindCSS and integrating with model API

Neura | *React, Next.JS, NextAuth, TailwindCSS, Git, Python, Go, PyTorch*

August 2024 - Present

- * A full-stack application for organizing ML/AI projects.
- * Implementing user authentication and live collaboration
- * Integrating paper implementations in Pytorch

CERTIFICATIONS

Stanford Machine Learning Specialization | *Python, TensorFlow, Numpy, Matplotlib, Scikit.learn*

July 2024

- * Applied variety of AI and ML concepts: Decision Trees, Neural Networks, Logistic and Linear Regression, Model evaluation, and Feature engineering

NYU Machine Learning in Finance | *Python, Linear Algebra, Financial Modelling*

July 2024

- * Developing financial models using machine learning and AI

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, Go

Frameworks: React, Node.js, Next.js, TailwindCSS, Express.js

Developer Tools: Git, VS Code, Visual Studio, PyCharm, MongoDB, FireBase, Postman,

Libraries: pandas, NumPy, Matplotlib, TensorFlow, PyTorch