

Education

B.A.Sc. Computer Engineering | University of Toronto

Sept. 2016 - April 2021 | Toronto, ON

- Minor: Artificial Intelligence / Machine Learning.
- **GPA**: 3.66, Deans Honor List
- Coursework: Algorithms & Data Structures, Operating Systems, Probability & Statistics, Computer Networks, Databases, Machine Learning, Artificial Intelligence.
- 2017 University of Toronto MLH Hackathon, 1st place. Pygame visualization of SGD.



Skills

Programming Languages	Data	Frameworks / Libraries	Other
Python • JavaScript •	Plotly (Python & JavaScript)	React • Flask • PyTorch •	REST APIs • Github • Jira •
HTML / CSS • SQL • C / C++	• MongoDB • Pandas • Numpy • MySQL	Tensorflow • Docker • Scikit- learn	CI/CD • Jenkins • Project Management
Evenoriones			



Experience

AMD | Multiple Roles - 3 years, 10 months

Sr. Software Development Engineer - Data Center GPU Performance Analytics Sept. 2022 - Present (1 year, 6 months)

- Develop analytical and visualization tools, used to gain insights into AI performance for AMD data center GPUs.
- Drive enhancements to the data engineering pipeline by; adding reporting customizations, data retrieval and aggregation optimizations—providing clean and visualized AI and LLM performance data for competitive analysis.
- Develop internal automation architecture for **streamlined analysis** (**React** frontend, with **Python** backend).
- Contribute to project development, including database schema designs and system infrastructure management; utilizing **Docker Swarm** for service deployment.

Software Development Engineer 2 - Signal Integrity

May 2021 - Sept. 2022 (1 year, 4 months)

- Engineered an automated **cloud-enabled data engineering pipeline** for signal integrity simulation tools.
- Integrated Jenkins for CI/CD, IBM LSF for job scheduling and compute-intensive workload runs, and MongoDB for flexible data collection.
- · Leveraged Python for automation oversight and post-simulation data analysis, optimizing operations and providing valuable insights for informed engineering decisions.

Software Engineering Intern - Apple Software

May 2019 - May 2020 (1 year)

- Worked with senior engineers to enhance multimedia test apps (in C++), with a primary focus on measuring encode and decode quality for MacOS GPU drivers, targeting video codecs such as AVC and HEVC.
- Applied Python for data modelling, contributing valuable insights to performance initiatives and helped orchestrate new and existing automated multimedia performance test plans.



Projects

EEG Artifact Detection | University of Toronto Capstone Project

Sept. 2020 - April 2021 (8 months)

- Worked with Prof. Berj Bardakjian to develop a recurrent CNN, in Tensorflow, aimed at predicting EEG artifacts to aid in seizure onset prediction.
- Transformed EEG signal data to PAC image representations to capture temporal trends in sequential image data.

Live Facial Expression Recognition | University of Toronto APS 360 - Fundamentals of Deep Learning

- Designed and optimized a custom PyTorch CNN for real-time facial expression recognition.
- Integrated live video feed and employed the Viola-Jones algorithm for efficient face detection during real time inference.