ELIAN BELOT

elian@belot.ca or *elian.ca*

Education

Bachelor of Science, Computer Science — Winter 2024 *(expected)*

McGill University, Montreal, Canada
Selected courses: Reinforcement Learning, Data Science, Adversarial Learning, Philosophy of AI, Natural Language Understanding with Deep Learning.
Created and ran the Machine Learning reading group.

Deep Learning specialization *(via DeepLearning.AI)* — July 2019

Set of 5 courses: Neural Networks and Deep Learning, Improving Deep Neural Networks, Structuring Machine Learning Projects, Sequence Models, and Convolutional Neural Networks.

Specialization certificate.

Machine Learning course *(via Coursera)* — March 2019

11 weeks course delivered by Stanford Online.

Course certificate.

Experience

AI contractor — July 2023

Built AI infrastructure for Nullify, a startup automating software security.

Co-founder — May 2023

Built Lumy, a platform to build and deploy robust AI agents for financial firms.
Responsible for engineering and product, left during incubation phase.

Deep Learning engineer — July 2022

Built end-to-end Deep Learning pipelines at CopyCat, from data collection to training, deployment, experimentation, and monitoring.

Internship — February 2017

Worked at Blizzard Entertainment addressing issues in marketing, customer relationships and graphic design.

Undergraduate Deep Learning research — Ongoing

Unfinished research aimed at inducing undetectable adversarial behaviors in large language models through handcrafted parameter-level attacks.
Unfinished research exploring the use of sequence modeling for mitigating objective robustness failures in Reinforcement Learning agents.

Programming projects — Ongoing

Won "Best AI Hack for Education" at MAIS Hacks 2021.

GitHub portfolio.

Skills

Machine Learning	Language models, Computer vision, Reinforcement learning
Technologies	PyTorch, Keras, AWS, Scale, GCP, Pandas, W&B, Git, SQL