

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, Advanced Deep Learning, 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 for financial firms to build and deploy robust AI agents. Responsible for engineering and product, left while going through incubator.

Deep Learning engineer — July 2022

Built end-to-end Deep Learning pipelines at [CopyCat](#), from data collection to training, deployment, experiments, 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
Technologies

Language models, AI agents, CV, Reinforcement learning
PyTorch, Keras, AWS, Scale, GCP, Pandas, W&B, Git, SQL