SIMON THÉORÊT

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Portfolio and website: simontheoret.github.io

ÉTUDES

Université de Montréal *January 2023 - May 2024*
Master's degree in machine learning

Université de Montréal *September 2022 - December 2022*
Master's degree in Mathematical and Computational Finance

Université de Montréal *Septembre 2019 - May 2022*
Undergraduate in Pure and Applied Mathematics

SKILLS

Spoken languages:	English, French
Languages:	Python, Rust, Go, Matlab
Libraries:	Pytorch, Scikit-Learn, XGBoost, Pandas, Numpy, Streamlit, HuggingFace
Tools:	Docker, Neovim, Google Cloud Platform, Git, WandB, CometML

INTERSHIPS AND ACADEMIC EXPERIENCES

Symplectic Topology and Knot Theory May 2021 - August 2021
Research (Directed by Egor Shelukhin, UdeM)

· Weekly seminars. Manifolds and smooth functions properties. Research of topological invariants. Knots classification.

Tutoring August 2018 - December 2018
Cégep de l'Outaouais

· Assitance to students with difficulty in French. Measure of progress of the students. Help with the preparation for written exams.

ML PROJECTS

Finetuned transformer models to detect hate speech.

Deployed a goal prediction model for live NHL hockey games. The user interface was built using Streamlit, and the deployment was done with Docker.

More projects are available on my portfolio

IMPLICATIONS

Member of the Collective *Nous* for mental health advocacy. Novembre 2021

Participant in the PUTNAM competition Février 2021