

Simo Hakim

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French, English

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ABOUT

As I approach the completion of my Computer Science degree at the University of Montreal, I'm on the lookout for a Software Engineering internship where I can further build my stack and dive into real-world projects.

SKILLS

Programming: Python, Java, C, C#, Lua, HTML/CSS, Javascript, Typescript, Julia

Data: SQL, Firebase, Tensorflow, PyTorch, Pandas, Numpy

Miscellaneous: Git, Android Studio, Arduino/ESP32, Raspberry Pi, SketchUp, Photoshop, LaTeX, Agile

EDUCATION

University of Montreal

B.Sc. in Computer Sciences

2020 - 2024

Currently pursuing, with an anticipated completion in April 2024.

University of Montreal

Certificate in Applied Computer Sciences

2022 - 2023

Completed as part-time evening courses alongside my role at LXT AI, for ongoing academic development.

WORK EXPERIENCE

AEDIROUM (Student Association)

Montreal, QC

Deputy Internal VP + Graduating Students Representative

2023 - Present

Engaged in my student association as the representative for graduating students and as a member of the Representation Committee, contributing to the advocacy and support of student interests and needs

LXT AI

Montreal, QC

Quality Team Lead

2022 - 2023

- Oversaw a team of 20, upholding high-quality standards in big data processing, closely aligned with client objectives
- Led initiatives to enhance workflows and data processing pipelines, resulting in improved efficiency and accuracy
- Developed and implemented tools and trainings that reduced error rates by 20%

Canada Computers

Montreal, QC

Supervisor

2019 - 2021

Driven by a fervent interest in hardware and cutting-edge technologies, leveraged product knowledge and interpersonal skills to deliver exemplary customer experience while aligning with management expectations.

PROJECTS

Classification of Extreme Weather Events (Kaggle)

- Engaged in a Kaggle competition aimed at the detection and classification of extreme weather events using climate data.
- Developed models using logistic regression, SVM linear, and XGBoost.

ASCII Sign Language Classification (Kaggle)

- Participated in a Kaggle competition to classify sign language images.
- Implemented Random Forest and CNN models, utilizing XGBoost for enhanced performance

FishHunt (JavaFX Game)

- Developed a JavaFX-based game simulating a shark catching fish.
- Implemented dynamic fish movement, level progression, and a high-score system.

SimoHakim.com

- Created a personal website, SimoHakim.com, to showcase my professional portfolio and academic background.
- Made a companion Python tool to generate clones of the website based on a single JSON file.

ResumeTurbo.com

- Developed "ResumeTurbo.com", a dynamic online resume generator.
- Utilized SwiftLaTeX, a WebAssembly LaTeX Compiler, for real-time LaTeX rendering.
- Integrated Mozilla's PDF.js for cross-platform PDF viewing capabilities and Firebase for data persistency.