

LAURENCE MARCOTTE

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🔗 LaurenceMarcotte

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EXPERIENCE

Applied Research Intern

Bandai Namco Studios

📅 July 2023 – January 2024 📍 Tokyo, Japan

- Trained LoRA's for image generation with Stable Diffusion
- Integrated LoRA's in text to 3D models like MVDream and Dreamgaussian

Applied Research Intern

Ubisoft La Forge

📅 May – December 2022 📍 Montreal, Canada

- Build a text generation model using a retrieve and generate approach (RAG) and evaluate it.
- Extraction and cleaning of a video game dialogue dataset.
- Published paper at ACL 2023's workshop on Conversational AI: [Generating Video Game Scripts with Style](#)

Summer Intern in NLP

Centre de recherche informatique de Montréal

📅 May – August 2021 📍 Montreal, Canada

- Trained an encoder transformer using Hugging Face to do different classification tasks (sentiment analysis, POS tagging).
- Generated a dataset by doing clustering.

Python and Scratch Teacher

Les Ateliers Kikicode

📅 January 2020 – April 2022 📍 Montreal, Canada

- Build up a Scratch and Python course for kids and teenagers to learn the basics.
- Created Python workshop for kids as an intro to programming.
- Give one-on-one online classes.

Summer Intern

Institut de recherche sur les exoplanètes

📅 May – August 2017 & 2019 📍 Montreal, Canada

- Reducing data from SPIRou's instrument on the Canada France Hawaii telescope in order to try and detect water on the planet GJ-1214b
- Analysing data from Kepler satellite to identify characteristics of the planet Kepler 10b such as the albedo.

TECHNICAL SKILLS

- Python, Java
- Machine Learning, NLP, Pytorch, Generative AI
- Docker
- Linux
- Data Analysis
- Statistics

EDUCATION

Computer Science

Master's Degree

📅 April 2023 📍 Université de Montréal

Physics and Computer Science

Bachelor's Degree

📅 December 2020 📍 Université de Montréal

ACHIEVEMENT

🏆 Scholarship from the "Programme de bourses d'excellence en sciences de l'informatique [...] du ministère de l'Enseignement supérieur" (2021)

💰 CRSNG Scholarship for summer research (2019)

🏆 Trottier merit scholarship (2019)

🏆 Marie-Curie Scholarship before the beginning of my studies in my undergrad (2017)

STRENGTHS

Hard-working

Teamwork

Organized

Open-mind

LANGUAGES

- French: native language
- English: spoken, written and read
- Japanese : beginner
- Spanish : beginner
- German : beginner

HOBBIES

- Reading
- Crochet
- Cooking and baking
- Video Games

REFERENCES

Available upon request