



Allan Beddouk

Machine Learning Engineer having spent the last 2 years at Polytechnique Montreal to finish my education degree. I now want to take on new challenges in Paris.

French Nationality.

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[LinkedIn](#)

[Portfolio](#)

EXPERIENCE

International Air Transport Association (IATA) - Montréal, Canada *Machine Learning Engineering and Software Development*

6 MONTHS - JANUARY 2021 TO JUNE 2021

- Developed from scratch a web-based platform to provide in-depth analyses of recorded flight data
- Implemented benchmarking solutions (graphs, datatables, etc) to compare safety performance and issues against global and regional safety trends
- Provided data-driven approach for advanced trend analysis and predictive risk mitigation

Polytechnique Montréal - Montréal, Canada *Machine Learning Engineer*

6 MONTHS - AUGUST 2020 TO JANUARY 2021

- Process a corpus of 80,000+ texts in multiple languages
- Fine-tune text representations using pre-trained word vectors or word embeddings representation techniques such as TF-IDF, co-occurrence matrix, etc.
- Implement transformer models from Huggingface library (BERT, distilBERT)

SAP France - Paris, France *Engineer Specialist Adoption Intelligent RPA*

4 MONTHS - MAY 2020 TO AUGUST 2020

- Developed script automatizations on the SAP's IRPA suite for Cloud and Desktop
- Managed client's projects for support, expertise and assistance on the software
- Implemented robotic processes catering query time costs and resources limitation

Polytechnique Montréal - Montréal, Canada *Teacher Assistant*

24 MONTHS - MAY 2018 TO MAY 2020

- Taught in-class practical exercises for oriented object programming in C++ (class of ~ 50 students)
- Created and implemented practical exercises and problems (academic assignments)
- Corrected and graded assignments with detailed feedbacks

Personal Experience, Github and student projects

- Machine Learning: Model to predict potential sewer overflow in the city of Montréal
- Application Android et Desktop: Jeu de dessin en temps réel basé sur Skribbl

EDUCATION

Polytechnique Montréal, Montréal, Canada — Bachelor & Master

AUGUST 2016 TO JUNE 2021

Bachelor's degree in Computer Software Engineering then Master's degree specialized in Artificial Intelligence applied to Machine Learning

PROGRAMMING AND FRAMEWORKS

Python

TensorFlow

PyTorch

Numpy, Pandas

SQL

C++

Go

JavaScript

Angular, React

DEVELOPMENT TOOLS

Git

Vim

Jupyter Notebook

LANGUAGES

French (Native)

English (Full professional proficiency)

Spanish (University level)