Georges Parfait DJIMEFO KAPEN in |GitHub

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SUMMARY

- Big Data, Deep/Machine/Reinforcement learning, AI, Data Mining/Warehouse, relational databases, Databricks, snowflake, AWS, ETL, NLP, Computer vision, Statistics, Cloud computing, Agile/Scrum, TDD, Data visualization, Web development
- Knowledge in languages: Python, C#, R, Java, C++, PHP, SQL, PySpark, SAS, Apache Spark, Tensorflow, Pytorch, Angular, Node, JS, React, D3, Plotly, Dash, OpenStack, Kubernetes, Jenkins, TS, PowerBI

EDUCATION

POLYTECHNIQUE MONTREAL	
Engineering Diploma in Software Engineering	**2018 – 2021**
Concentration: Artificial Intelligence – Data sciences	
ADVANCED NATIONAL SCHOOL OF ENGINEERING YAOUNDE	**2005 – 2006**
Master's degree In Applied Statistics	
Equivalency received a master's degree in Probability – Statistics.	
UNIVERSITY OF YAOUNDE I	
Master's degree in Mathematics	**2004 – 2005**
Equivalency received a Specialized Higher Studies Diploma (DESS) in Mathematics.	

EXPERIENCE

Engineering || Programming || Research || Teaching experience

Lecturer, Polytechnique - Montreal	**2022**
Data Engineering Intern, Intact - Montreal	**2022**
Scientific Assistant MOOC Artificial Intelligence, University Of Montreal	**2021 – 2022**

Polytechnique Montreal
- **Substitute Lecturer** — **2021**
- **Undergraduate research initiation Intern: "**Modeling of Voice Recognition in Android systems to secure bank payments.**"** — **2020 – 2021**
  - ❖ Model with the Deep Learning Approach (Python)
  - ❖ Implement and deploy on Android mobile (JAVA)
- **Entrepreneur Intern / Undergraduate research initiation Intern: "**Face Recognition modeling integrating racial and gender bias**"** — **2020**
  - ❖ Model with the Deep learning approach (Python)

Programming Intern, FLEX GROUP - LAVAL — **2019 – 2020**
"**Modeling of Automatic Optical Character Recognition**"
- Implement models in Python, PHP

Laboratory assistant, Polytechnique Montreal — **2018**
For the INF1500 course (Logic of digital systems**)**

Group projects

Polytechnique Montreal — **2021**
- **NLP (Natural language processing) project: "**Extraction of keywords from texts as well as their type.**" --** Implement it with Python.

Polytechnique Montreal – Chaire de recherche en fiscalité et en finances publiques   **2021**
- **Data visualization project: "**Develop a web application to compare taxes and provincial and federal tax rates by year.**" --** Implement a mockup with Plotly.js, D3.

Polytechnique Montreal – IATA   **2021**
- **Integrator project: "**Flight Data eXchange - Develop an initial and contextual flight data assessment tool.**"**
Contribute to the implementation of the software with Dash, Python, React, Electron, Axios.

SKILLS

Python, C#, R, Plotly, C++, JAVA, SQL, PySpark, SAS, Apache Spark, TS, Node, JS, Tensorflow, React, Pytorch, Angular, PHP, PowerBI, Jenkins, Dash, D3, AWS, Kubernetes, OpenStack