JASON PEREZ

Master Computer Science Student - Graduate in August 2025

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PROFESSIONAL EXPERIENCE

Aubay
Machine Unlearning R&D Intern

Billancourt, France
March,2025 - Aug,2025

- Extended the **GRUN** framework in **Python/PyTorch** to enable selective "forgetting" of specific question–answer pairs
- Modeled in a **Flask** application, enabling interactive chat with the modified **llama3.2** and real-time **unlearning demonstrations**.
- Conducted manual **layer-wise experiments**, extracting activations and **metrics**

Vakapp
Android Mobile Developer Intern

Paris, France
Oct,2023 - Jan,2024

- Developed an **Android application** for room reservations, featuring **real-time** messaging via **Firebase**.
- Implemented secure user **authentication** using **Google** and **Facebook OAuth.**

PROJECTS

Automated Reddit Bot

- Reddit bot using **LangChain** and **GPT-4** to parse and model complex **mathematical problems**.
- Integrated **Choco-Solver** for **CSP** handling and implemented real-time **Sudoku solving**
- **Automated** generation and **dynamic posting** of step-by-step solutions in Reddit comments.

PING

- Developed an IDE with a **Java** backend and an **Angular** frontend to orchestrate project compilation, packaging, and execution.
- Added a chat feature with **AI integration** to enhance **real-time** user support and interaction.

BigData

- Distributed processing and cleaning of customer transaction data with **Apache Spark** (**HDFS**, **Spark SQL**, MLlib)
- Behavioral analysis and customer segmentation using **Spark MLlib**
- Cloud deployment on **Google Cloud dataproc**

EDUCATION

Master of Computer Science

Sept,2020 - Sept,2025

- **EPITA** – Graduate Engineering Degree in Computer Science

Summer School

Jan,2022 - Jun,2022

- **Ajman University -** Developed skills in leadership, electronics and Python

Skills

- **Technical** : Python, Scikit-learn, Pytorch, C/C++/C#, Scala, Angular, Spark, Java, SwiftUI, Flutter.
- **Tools** : Git, Firebase, Unity, MongoDB, Docker
- **Languages** : French (native), English (Full professional proficiency).