



Franck Messou

Machine Learning research student
Master in Software Engineering
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SUMMARY

Master’s degree in Software Engineering with ongoing studies in Science and Engineering (AI). Communicative, proactive, tenacious, and reliable team player, experienced in software development across various platforms. Passionate about leveraging AI to drive technological innovation in front-end, back-end, and AI applications.

EDUCATION

Degree/Certificate	Institute/Board	Year
Master in Science and Engineering (AI)	HOSEI UNIVERSITY, Tokyo	Sep 2023 - Sep 2025
Master’s in Information Systems and Software Engineering	AFRICAN GRADUATE SCHOOL OF ICT (ESATIC)	Oct 2020 - Sep 2022
Bachelor’s in Applied Mathematics and Informatics	NANGUI ABROGOUA UNIVERSITE	Sep 2017 - Dec 2019

EXPERIENCE

- Research Activity - Federated Learning** Jun 2024 - Present
Researcher Tokyo, Japan
 - **Advanced Research:** Conducting advanced research in Federated Learning with privacy preservation techniques aiming to enhance data security and model performance from previous achievement.
- Deep Learning Models for Energy Forecasting** Dec 2023 - May 2024
Researcher Tokyo, Japan
 - **Model Development:** Led development of Deep Learning models for Energy Forecasting using [CNN-Attention Mechanism-LSTM](#) resulting in a paper accepted at IEEE VTC2024-Fall
- EKKOU App Development - ANOHOU Solutions** Aug 2023 - Jan 2024
FullStack Developer Part-Time Online
 - **App Development:** Contributed to the development of [EKKOU app](#) employing agile methodologies to deliver scalable solutions.
- Commercial Utility Applications - Casys Technologies** Jan 2023 - Aug 2023
FullStack Developer Abidjan, Cote d’Ivoire (Onsite)
 - **Backend Innovation:** Spearheaded the development of commercial utility applications driving innovation in backend systems using Iot devices for vehicles. [Casys Technologies](#)
- Mobile Apps and Backend Systems Development - ANOHOU Solutions** Dec 2019 - Jan 2023
FullStack Developer Côte d’Ivoire (Part-Time / Hybrid)
 - **Optimization:** Developed mobile apps and backend systems optimizing user experience and backend efficiency. [OKOHI](#) and [Reçu ChapChap](#)

SKILLS

- **Programming Languages:** Python, Java, Bash, C, JavaScript
- **Development Frameworks:** Flask, FastAPI, NodeJS, PHP, Flutter
- **Machine Learning:** PyTorch, TensorFlow, Numpy, Pandas, Scikit-learn
- **Databases:** MySQL, MongoDB, Oracle(school project only)
- **Software Development:** Desktop (Java), Mobile (Flutter, Java, SwiftUI), Web (Flask & FastAPI)
- **Operating Systems:** Linux, MacOS

LANGUAGES

- **French:** Native
- **English:** Fluent (TOEIC 755 in 2023)
- **Japanese:** Beginner (JLPT N5)

TOOLS

- **Collaboration Tools:** JIRA, Git, Overleaf
- **Office Suites:** Microsoft Office, Google Suite, LaTeX
- **Development Tools:** Android Studio, Visual Studio Code, Xcode, NetBeans, PyCharm, Jupyter Notebook, Google Colab, Docker

HOBBIES

- **Sports:** Football, Gym, Jogging
- **Reading:** History Books, New Technologies Articles