Exaucé Luweh Adjim Ngarti

PHD Student
Deep Learning for Physics Inverse Problem
Atos and Inria

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EDUCATION

•**University of Grenoble Alpes** — *March 2023-Current*
PHD Student in Machine Learning

•**University of Bordeaux** — *2020-2022*
Master in Statistics and Computer Science — Graduated with honors

•**University of Bordeaux** — *2017-2020*
Bachelor in Statistics and Computer Science — Graduated with honors

•**"Sacré-coeur" high school (Chad)** — *2017*
High school science baccalaureate — Graduated with honors

EXPERIENCE

•**Eviden (ex Bull/Atos) and Inria** — *January 2023 - Current*
PHD Student — Grenoble
 – Uncertainty Quantification for Physics Inverse Problem
 – Deep Bayesian Variational Inference
 – Oceanographic models

•**Atos** — *March 2022 - August 2022*
Machine Learning Intern Researcher — Grenoble
 – Uncertainty Quantification
 – Deep Learning for Physics Inverse Problem
 – Bayesian Variational Inference
 – Shallow Water Model

•**University of Bordeaux** — *September 2020 - May 2021*
Mathematics Tutor — Bordeaux
 – Explain mathematics exercises and courses
 – Algebra
 – Analysis
 – Probability

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C, R
Developer Tools: RStudio, Git, Flask, My SQL
Frameworks: PyTorch, Pyro, Keras, Scikit-learn
Cloud/Databases: Neo4J, MySQL
Soft Skills: Communication, Problem-solving, Teamwork, Critical thinking, Creativity
Areas of Interest: Reading, Sport, Writing, Philosophy

POSITIONS OF RESPONSIBILITY

•**Educational Affairs Officer,** Union of Chadians Students in Bordeaux — *2020-2021*

•**Statistics Teaching assistant,** University of Grenoble Alpes — *2023-2024*