OJO A. SULEIMAN

ML/COMPUTER VISION ENGINEER

EXECUTIVE SUMMARY

I am a graduate student focussing on applied Machine Learning, I am passionate about using AI tools and platforms for individuals and businesses to create smarter software to solve problems that seems unrealistic.

CONTACT INFO

- **Address:** 96 Avenue Valrose, Nice, France
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- **Linkdin:** https://www.linkedin.com/in/adebowale-ojo
- **Twitter:** https://twitter.com/Paragonadey
- **Github:** https://github.com/adebowalep

SKILLS

- **Machine Learning:** deep learning, feature enigineering, transfer-learning,regression,classification.
- **Languages:** Python,MatLab PHP, SQL, HTML, CSS.
- **Frameworks/Applications:** Pytorch, Scikit-learn, Opencv, Scikit-image, Jupyter, Docker, Git, ITK-SNAP, 3D Slicer, Laravel.

SOFT SKILLS

- Teamwork
- Research
- Given to details
- Presentations
- Communications

LANGUAGES

- Yoruba - Native
- English - C2
- Italian - A1
- German- A1
- French - A1

CERTIFICATIONS

- PyTorch for Deep Learning with Python Bootcamp
- Machine learning in Python with scikit-learn proposed by Inria
- Building Recommendation Systems with ML
- Optimization with Python

RELEVANT EXPERIENCE

Research Trainee

Laboratoire J.A. Dieudonné | Université de Nice Sophia-AnNpolis
April 2022 - current

- Developing a numerical tool to extract 3D geometries from experimental images of mouse lungs.
- Working on the experimental maps of the mechanical properties of the mouses lung acquired using Atomic Force Microscopy technic.
- Setting up a mesh and a field of mechanical properties of mouses lungs that will be used for future finite elements simulations

Projects

- Built neural network(NN) from scratch using Numpy and pytorch.
- Built detection and classification models using Python , Pytorch and scikit-learn.
- Built recommendation engine with neural networks and Restricted Boltzmann Machines (RBM's)
- Create a Network using LSTM with NLP to generates character sequences
- Built a U-Net architectures to implement sematic segmentation on a custom dataset.
- Built a VAE to generate new images of handwritten digits.

ACADEMIC BACKGROUND

University of Cote D'Azur (Erasmus Exchange)

Master of Science in Mathematical Modelling (Application) | Sept 2021 - date

Projects:

- Monte-Carlo simulation of 2D using Model with MATLab
- Machine Learning Modeling of p53 Cancer Mutants with Python

University of Hamburg (Erasmus Exchange)

Master of Science in Mathematical Modelling (Numerics) | April 2021 - August 2021

- *Modelled traffic flow using Random forest and LSTM algorithms*

University of L'Aquila (Programme Coordinator)

Master of Science in Mathematical Modelling (Theory) |September 2020 - Date

Usmanu Danfodiyo University, Sokoto | 4.9/5.0

Bachelor of Science Mathematics |September 2014 - August 2018