

Komlan Epe-Nsin Merveilles AGBETI-MESSAN

[LinkedIn@merveilles-agbeti-messan](#) | merveillesagbetimessan.vercel.app | merveillesagbeti@gmail.com

[GitHub@MarcoPerson](#) | [+33 7 55 88 62 54](tel:+33755886254)

Skills

- Python | R | Java | JavaScript | TypeScript | C | Ocaml | SQL | Node | Express | React | Redux | MongoDB | Git | PostgreSQL | Angular
- Pytorch, Tensorflow, Keras, Pandas | Scikit-Learn | Matplotlib | Numpy | GitHub | Docker | OpenStack | Jira | PlayWright | Jest | OOP
- Machine Learning | Databases | Deep Learning | Frontend | Backend | Full-Stack | Cloud Computing | French, English, Éwé, Japanese

Coursework

- Mathematics | Machine Learning | Data Structures and Algorithms | Optimization | Object Oriented Programming | Functional Programming | Micro Controller Programming | Website and Database | Operating System | Computer Networks | Cloud

Experience

AI Research Engineer Capgemini Engineering Blagnac, France 02/2024 - Now

- Knowledge Graphs, Deep Learning, Natural Language Processing and Large Language Models. Literature Review and SOAT Solution.

Software Engineer Sopra Steria Colomiers, France 06/2023 - 09/2023

- Developed Java services and SQL scripts for the French Ministry of Agriculture, enhancing digital infrastructure and efficiency.
- Mastered the Java Orion framework to work on PAGODE, a secure application for electronic declarations and fishing activities, as well as LOGICS, an application for agricultural operation authorization.
- Worked on 100+ Jira test cases for TeleAgape, ensuring the reliability of fishing permit requests.

Software Engineer WeBuildUp Versailles, France 06/2022 - 09/2022

- Increased BIMView TypeScript code readability by over 10% by reformatting more than 20 NextJS components and CSS objects.
- Assured components and hooks Quality by writing more than 80 unit, integration tests and end to end tests using Jest and PlayWright.
- Developed 100% of the company website using NextJS and TailWindCSS

Python Developer StaroCity Lomé, Togo 08/2019 - 09/2019

- Designed and Created 100% of a Desktop App using Python and PyQt5 to create users and passwords for a WiFi center.
- Increased the efficiency by 100% by eliminating the possibility of duplication and enhanced the speed via python decorators.

Education

Master Operational Research and Optimization ENAC Toulouse, France 09/2021 - 09/2024

- Machine Learning and Optimization

MEng in Computer Science INSA Toulouse Toulouse, France 09/2021 - 09/2024

- Supervised and Unsupervised Machine Learning
- Deep Learning, Programming, Big Data, OOP, SQL
- Highest-ranked student for the first semester. GPA : 3.84

Advanced Mathematics CPGE Ibn Ghazi Rabat, Morocco 09/2019 - 08/2021

- Excellence Scholarship & Ranked 1st in Computer Science.

Projects

MultiClass Image Classification Toulouse, France 11/2023 - 01/2024

- Guess the Player Game : Machine Learning, Deep Learning, CNN, OpenStack, Optimization, Big Data, Data Mining, Frontend

Communication System Toulouse, France 10/2022 - 01/2023

- Communication system in Java, real-time detection, group messaging, image sharing, reduced response times by 50%, improved engagement by 20% & project completion by 15%.

React-microsoft-clarity Toulouse, France 09/2022 - 10/2022

- Developed "react-microsoft-clarity," a react component for implementing Microsoft Clarity, with over 10000 weekly downloads.

Certifications

- IBM - What is Data Science ? : Data Science, Deep Learning, Machine Learning, Big Data, Data Mining
- DeepLearning.AI - Generative AI For Everyone : LLMs, Generative AI, Responsible AI, API

Competitions

- **African and Arab Collegiate Programming Contest Togo:** Team of 3 people under the alias 'Buldozer' and resolve data structures and algorithms problems in C and Python. Finished 2nd of the competition and 1st to solve problem D.
- **Hackathon Groupe INSA:** Team of 4 people under the alias "Jambos" and won the "Best Pitch" Prize for promoting inclusion of disabled individuals through sports.

Honors

- **Excellence Scholarship:** By the Government to the best ranked Baccalauréat students of Togo.
- **National Competition:** Ranked 1st on the national competition for entering the only public Computer Science school of Togo.