

Komlan Epe-Nsin Merveilles AGBETI-MESSAN

marco-portfolio.vercel.app | merveillesagbeti@gmail.com | +33 7 55 88 62 54

EDUCATION

INSA TOULOUSE

MENG IN COMPUTER SCIENCE

Sep 2024 | Toulouse, France

- Highest-ranked student for my first semester.
- GPA: 3.84

CPGE IBN GHAZI

ADVANCED MATHEMATICS

Sep 2021 | Rabat, Morocco

- Excellence Scholarship.
- Ranked 1st in Computer Science.

LINKS

Github:// [marcoperson](#)

LinkedIn:// [merveilles-agbeti-messan](#)

COURSEWORK

GRADUATE

Data Structures and Algorithms
Analysis of Graphs Algorithms
Object Oriented Programming
Functional Programming
Micro Controller Programming
Website and Database
Operating System
Computer Networks
Mathematics

SKILLS

PROGRAMMING

Python • C • JAVA • Ocaml • HTML/CSS •
JavaScript • SQL • C#

FRAMEWORKS & TOOLS

Git • GitHub • FireBase • ReactJS/React
Native • NodeJS/ExpressJS • NextJS •
MongoDB • PostGres • PlayWright • Jest
• Stripe

HONORS

EXCELLENCE SCHOLARSHIP

IBN GHAZI

By the Government to the best ranked
Baccalauréat students of Togo.

NATIONAL COMPETITION

CIC Togo

Ranked 1st on the national competition
for entering the only one public
Computer Science school of Togo.

EXPERIENCE

JUNIOR INSA SERVICES | PARTNERSHIP OFFICER

Nov 2021 – Present | Toulouse, France

- Develop, improve and perpetuate 3+ lasting relationships with JIS partners.

WEBUILDUP | SOFTWARE ENGINEER INTERN

Jun 2022 – Sep 2022 | Versailles, France

- 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 and integration tests and multiple end to end tests using Jest and PlayWright.
- Developed 100% of the company website using NextJS and TailWindCSS.

STAROCITY | PYTHON DEVELOPER

Aug 2019 – Sep 2019 | Lomé, Togo

- Designed and Created 100% of a Desktop App using Python and PyQt5 to create usernames and passwords for a WiFi center according to the time paid.
- Increased the efficiency by 100% by eliminating the possibility of duplicate and increased the speed via python decorators.

INDEPENDENT | MATHEMATICS AND PHYSICS TUTOR

Nov 2018 – May 2019 | Lomé, Togo

- Helped 2 high school students to master the basics of mathematics and physics.

PROJECTS

SHOPPING WEBSITE

Apr 2022 – May 2022 | Toulouse, France

A personal web project to implement a 100% e-commerce Front-end and Back-end payment using Stripe, ReactJS, Redux, ExpressJS and MongoDB.

GRAPH ALGORITHMS

Jan 2022 – Jun 2022 | Toulouse, France

A project in JAVA to implement Dijkstra and A* algorithms to find the minimum travel time or distance between two locations. Team of 2 Students.

LASER GAME

Jan 2022 – May 2022 | Toulouse, France

A project in C and Assembly that consists in realizing a laser shooting game on target. This project got me into a better understanding of micro-controller programming. Team of 2 Students.

MOCKING TCP API

Jan 2022 – Apr 2022 | Toulouse, France

Created a TCP api in C that control the loss of network packet on a noisy network. Reinforced my thread, mutex lock and IP knowledge. Team of 2 Students.

COMPETITIONS

AFRICAN AND ARAB COLLEGIATE PROGRAMMING CONTEST TOGO

Sep 2019 – Oct 2019 | Lomé, Togo

- We had a 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.