

# Komlan Epe-Nsin Merveilles AGBETI-MESSAN

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## Education

### INSA TOULOUSE

#### MS IN COMPUTER SCIENCE

📅 Sep 2024 📍 Toulouse, France

- Highest-ranked student for my first semester.
- GPA : 3.9

### CPGE IBN GHAZI

#### ADVANCED MATHEMATICS

📅 Sep 2021 📍 Rabat, Morocco

- Excellence Scholarship.
- Ranked 1st in Computer Science.
- Succeed at all competition for french engineering schools.

## Links

🐙 GitHub **marcoperson**

in LinkedIn

**merveilles-agbeti-messan**

🔗 Portofio

**marco-portfolio.vercel.app**

## 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

### FRAMEWORKS & TOOLS

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

## Honors

### EXCELLENCE SCHOLARSHIP

IBN GHAZI

Awarded 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

### PARTNERSHIP OFFICER

#### JUNIOR INSA SERVICES

📅 Nov 2021 – Now

📍 Toulouse, France

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

### SOFTWARE ENGINEER

#### WEBUILDUP

📅 Jun 2022 – Sep 2022

📍 Versailles, France

- Increased BIMView TypeScript code readability by over 10% by reformatting NextJS components and CSS objects.
- Assured Quality Assurance by writing components and hooks unit and integration tests and multiple end to end tests using Jest and PlayWright
- Developed the company website using NextJS and TailWindCSS.

### PYTHON DEVELOPER

#### STAROCITY

📅 Aug 2019 – Sep 2019

📍 Lomé, Togo

- Designed and Created 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.

### MATHEMATICS AND PHYSICS TUTOR

#### INDEPENDENT

📅 Nov 2018 – Mai 2019

📍 Lomé, Togo

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

## Competitions

### AFRICAN AND ARAB COLLEGIATE PROGRAMMING CONTEST TOGO

📅 Sept 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.

## Recent Projects

### SHOPPING WEBSITE

#### INDEPENDENT

📅 Apr 2022 – Mai 2022

📍 Toulouse, France

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

### GRAPH ALGORITHMS

#### INSA TOULOUSE

📅 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.

### MOCKING TCP API

#### INSA TOULOUSE

📅 Jan 2022 – Mai 2022

📍 Toulouse, France

A project in C to create a TCP api that control the loss of network packet on a noisy network. Reinforced my thread, mutex lock and IP knowledge.