

# AMADOU SOW MBODJI

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**PROFILE** I hold a Master's degree (Year 1) in Information Technologies – Multimedia Products and Services, which I successfully completed. I had initially planned to continue into the second year (M2) in the TDM program, but I was redirected to another specialization (CCAM) that did not align with my academic background or professional goals, so I chose not to pursue it further. I am now seeking either a permanent or a fixed-term position in the IT field, with a particular focus on web technologies.

## EXPERIENCES

### DEVELOPER WEB, Multimedia Store

20/04/2022

- My missions included : Design and development of an e-commerce site using HTML, CSS and MySQL.
- Creation of the user interface, product database management, shopping cart, simulated orders, registration/authentication form, etc.

### Image processing trainee, Hôpital Principal de Dakar 01/07/2024

- I have implemented image processing algorithms for segmentation, detection of anatomical structures.
- Quantitative analysis of medical imaging data.
- Preventive maintenance of imaging equipment.

## PROJECTS

### Study and implementation of network monitoring tools 12/08/2023

- Analysis of local computer network monitoring requirements.
- Selection and deployment of open-source monitoring tools (e.g. Nagios, Zabbix).

### Development of HALCON-based metrology systems 10/01/2024

- Design of a metrology system for dimensional control of industrial parts using Halcon software.
- Implementation of Halcon scripts for image analysis and defect identification.

## FORMATION

### Master 1 in Information Technology: Multimedia Products & Services 2024 - 2025

Marie & Louis Pasteur University

### Bachelor Vision for industrial robotics 2023 - 2024

University of Nîmes

- with High Honours

### Bachelor Network administration and security 2022 - 2023

Multinational Higher School of Telecom

- with Honours



## SKILLS



level C1



Notion

- Computer maintenance
- Programming & Development
- Project Management
- Machine vision & image processing
- Network security
- Electronics and automation
- Dimensional control

B



Bilingual