

# AMADOU SOW MBODJI

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## PORTFOLIO

<https://asmbodji.github.io/Digital>

Looking for a fixed-term or permanent position as an IT Technician.



## PROFILE

Holder of a Master's degree (Year 1) in Information Technologies – Multimedia Products and Services, I am seeking a permanent or fixed-term position as an IT technician. Passionate about computer systems and digital technologies, I aim to apply my skills in maintenance, technical support, database management, and automation to deliver reliable and efficient solutions.



## SKILLS

**Development & Automation, Python, HTML/CSS, MySQL, Power BI, Java & C++, Power Automate, AI APIs**

Data & Analysis Data analysis and visualization, image processing (Halcon)

Methodologies & Management Agile methods, lean management, quality monitoring, documentation

Networks & Systems Network monitoring (Nagios, Zabbix), system security and administration



## PROFESSIONAL EXPERIENCE

**07/01/2024 Image Processing Intern, Dakar Main Hospital**

Implementation of image processing algorithms for the segmentation and detection of anatomical structures. Quantitative analysis of medical imaging data and preventive maintenance of imaging equipment.

**04/20/2022 Web Developer, Multimédia Store**

Design and development of an e-commerce website (HTML, CSS, MySQL). Creation of the user interface, management of products, orders, and authentication.



## PROJECT

Industrial metrology system (Halcon) – Development of Halcon scripts for dimensional control and defect detection.

Network monitoring tool – Implementation of an open-source network supervision solution and automation of metrics collection.



## FORMATION

Previous education (BTS & High School) available on my portfolio

2024 – 2025: Master 1 in Information Technologies – Multimedia Products & Services,  
Marie & Louis Pasteur University

2023 – 2024: Professional Bachelor's in Vision for Industrial Robotics – University of Nîmes **Good mention**

2022 – 2023: Professional Bachelor's in Network Administration & Security – Multinational Higher School of Telecommunications **Fairly good mention**

LANGUAGES: ENGLISH (C1), FRENCH: BILINGUAL, JAPANESE: BASIC KNOWLEDGE