AMADOU SOW MBODJI

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PORTFOLIO https://asmbodji.github.io/Digital

Seeking a 12-month apprenticeship (schedule: 3 weeks in the company / 1 week at school) as an IT project assistant.

PROFILE

Soon to be a Master's student in Information Systems at ISITECH, I am looking to join an apprenticeship as an IT Project Assistant. Passionate about data, development, and artificial intelligence, I have a solid foundation in programming (Python, Power BI, automation) as well as experience in image processing and data analysis. My goal is to contribute to the success and innovation of IT projects while strengthening my skills on the Power Platform and AI integrations.

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

2025 – 2026 : Master 1 in Information Systems Engineering — ISITECH

2023 – 2024 : Bachelor's Degree in Vision for Industrial Robotics — University of Nîmes **Good Mention**

2022 – 2023 : Bachelor's Degree in Network Administration & Security — École Supérieure Multinationale de Télécom **Fairly good mention**

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