



# SERIGNE MBAYE SY AMAR

Final year of Engineering Program (Master's 2)

Development and IT Organization



## SKILLS

Programming (C, Python, Java) | Web Development (Laravel/Next.js/ReactJS/PHP) | MySQL Databases | Version Control (GitHub) | Microsoft Office | Prompt Engineering | Project Management and Leadership | Mobile Development: Flutter

## PROFESSIONAL EXPERIENCE

April 2024 - September 2024, Internship at Skills & Smart



During this 6-month internship, I improved their platform called e-m3ellem and implemented a club management platform named Maroc Sport Management.

July 2023 - August 2023, Internship at IDUS Capital



Intern at a major financial company. Contributed to data analysis and enhanced research skills.

August 2022 - October 2022, Internship at Simplon Senegal



3-month internship in web development at Simplon. Gained experience in programming and website creation, including using HTML, CSS, JavaScript, and Python Flask.

## EDUCATION

2024-2025 :



Centrale Méditerranée

2022-2024 :



Centrale Casablanca

2020-2022 :



Institut polytechnique de Saint-Louis

## PROJECTS

- **"Learning by Doing" Project (9 months)**

I contributed to a 'Learning by Doing' project at École Centrale Casablanca, focused on 'Smart City,' in collaboration with international students. Our goal was to predict and provide information on traffic congestion to improve urban mobility.

- **Innovation Project (4 months)**

I played a central role in an innovative spin-off, developing a virtual advisor based on machine learning (ML) for real estate agencies, providing their clients with the option of virtual tours.

- **Project Challenge (3 months)**

I participated in implementing an initiative in a restaurant where we studied customer acceptance of concepts related to food waste.

## CONTACT INFORMATION

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[Mon Portfolio](#)

## PERSONAL INFORMATION

- Date of Birth: May 2, 2000
- Marital Status: Single

## Languages

- French: Advanced (Native language, DALF C1)
- English: Advanced
- Arabic: Intermediate

## Community Involvement

- Member of Centrale Tech Association at École Centrale Casablanca, where I participate in solving challenges proposed by the coding and development department.
- Former Member of the Scientific and Educational Service of the IT Club at Institut Polytechnique de Saint-Louis.

## CERTIFICATES

- Meta Back-End Developer Certificate, awarded by Meta
- Google Project Management Certificate, awarded by Google
- IBM Front-End Developer Certificate, awarded by IBM
- Google Data Analytics Certificate, awarded by Google
- Creative Design, Prototyping, and Testing Certificate, awarded by University of Maryland, College Park