

MOHAMED YASSINE AGOURRAM

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EDUCATION

B.Sc. Computer Science (L3) | Sorbonne University <<Valedictorian (Ranked 1st in L2)>> **2023 - Present**
Relevant Coursework: Systems & OS - OOP - Algorithms & Complexity - Software Engineering - Functional & Concurrent Programming - Computer Networks - Formal Languages

General Baccalaureate | Elaraki International School of Morocco **2023**
Graduated with High Honors (Mention "Très Bien")

PROFESSIONAL EXPERIENCE

Junior Front-end Developer **Paris, France**
Style Shifter (Startup) *Mar - Jun 2025*

- Accomplished the delivery of the startup's foundational web prototype as measured by successfully coding 10+ core UI components for the MVP, by architecting the front-end interface from scratch using React and TypeScript.
- Accomplished the structuring of the core AI generation pipeline as measured by curating and processing 1,000+ high-quality image assets, by building the initial data repository used to train customer-facing AI models.
- Accomplished rapid technical onboarding and feature integration as measured by successfully connecting 3+ REST API endpoints to the front-end, by independently mastering JavaScript, TypeScript, and strict Git version control workflows in a fast-paced environment.

Venue Production Assistant **Paris, France**
Olympic Broadcasting Services (Paris Olympic Games) *Jul - Aug 2024*

- Accomplished seamless live broadcasting operations as measured by zero downtime during assigned shifts, by coordinating on-site logistics and resolving unforeseen bottlenecks under high global pressure, including independently conducting a broadcast interview.
- Accomplished flawless cross-functional teamwork as measured by successfully supporting 10+ international broadcast teams, by communicating daily in technical English and navigating ambiguous operational challenges.

Customer Service Representative **Paris, France**
Luneurs (Pop-up store) *Jul - Aug 2025*

- Accomplished premium service quality during peak high-traffic periods as measured by zero errors in cash reconciliation, by managing orders, payments, and customer relations simultaneously.

PROJECTS

Banking Web App | TypeScript, Next.js, Appwrite, Plaid API | 2026

- Accomplished secure, end-to-end transactional capabilities as measured by successfully processing mock financial transactions without errors, by developing a strict-typed web application and integrating the third-party Plaid API.

Film Catalog API | FastAPI, Python, Docker, React.js | 2026

- Accomplished the deployment of a robust cloud-based client-server architecture as measured by managing 500+ movie records, by designing and containerizing a RESTful API using Python and Docker.

CPU Simulator | C, Valgrind, Computer Architecture, Data Structures | 2024

- Accomplished highly secure manual memory management as measured by zero memory leaks detected via Valgrind across 1,000+ simulated instruction cycles, by implementing a low-level hardware instruction set simulator.

EV Congestion Optimization (Congestion V.E.) | Python, Algorithms, Operations Research | 2024

- Accomplished optimal network resource allocation as measured by a simulated 20% reduction in routing bottlenecks, by designing an analytical model leveraging advanced algorithms and Operations Research.

MicroTime (Entrepreneurial Project) | Strategy, Project Management | 2025

- Accomplished the definition of a comprehensive product launch strategy as measured by designing a full Business Model Plan and validating core assumptions, by leveraging strategic planning and project management methodologies.

TECHNICAL SKILLS

Programming Languages: Python, TypeScript, JavaScript, C, Java, OCaml, Bash, SQL.
Frameworks & Tools: React.js, Next.js, FastAPI, Docker, Git/GitHub.
Core Concepts & OS: Distributed Architectures, Advanced Algorithms, Data Modeling, Linux/Unix.

LANGUAGES

- English:** Bilingual - C2
- French:** Advanced - B2
- Chinese:** Beginner - A2
- Arabic:** Native

LEADERSHIP & INTERESTS

Discipline & Strategy: Competitive Karate (Brown Belt), Long-distance Running, Football.
Large-Scale Collaboration: Guinness World Record Participant (Active contributor to the world's largest artistic painting).
Creative Technology: Travel documentary filmmaking, drawing, and calligraphy.