



Mohammed KHATIRI

computer science student

A third-year computer science student specializing in Artificial Intelligence and Big Data, passionate about exploring and analyzing large-scale data. I pair a strong theoretical foundation with a practical, solution-driven approach to develop intelligent, actionable models.

- ✉ mohamed.khatiri2006@gmail.com
- ☎ +212696156759
- 📅 20 years old
- 🇲🇦 Moroccan
- 📍 morocco
- 🏠 benguerir
- 📄 Permis B
- 👤 Single

Education

● BAC science math b

From 2022 to 2023 Lycée technique maghreb arabe Oujda
baccalaureate degree from morocco: science math with highest honors

● Bac +5 in computer science minoring AI and BigData

Since 2023 Mohammed VI Polytechnic University Benguerir
Bachelor's degree in Computer Science (5-year program) with a minor in Artificial Intelligence and Big Data. Focused on software engineering, data systems, and machine learning fundamentals.

Languages

English

Advanced (C1)

French

Advanced (C1)

Social networks

🐦 @mokhatiri

in @khatirimohammed

Interests

Personal coding projects

Exploring new technologies through hands-on projects

sports

volleyball, handball, swimming and other sports

Assets

Continuous learning

Adaptability

Problem-solving

Communication

Working under pressure

Projects

DevGate Web Platform · UM6P (2024-2025)

Frontend-focused web app built with Nuxt.js and Vue.js, using Firebase for backend including authentication, real-time features, and data management.

Symbolic Controller Generator · UM6P (2025 - 2026)

A research-focused project exploring the implementation of a theoretical controllers generation model through fundamental Turing machine concepts.

Pipeline CI/CD – cargo tracker · UM6P (2025 - 2026)

A practical group project highlighting the challenges of building a CI/CD pipeline for a pre-existing application, with code quality analysis, containerization, Kubernetes deployment, and monitoring.

Key value Store with Raft consensus (2026)

Designed and implemented a production-oriented KV store in Go. with persistent backends (JSON/SQLite) and HTTP + net/rpc APIs. containerized with Docker and CI via GitHub Actions (linters, tests, coverage, SonarCloud).

GlassBox-AutoML Agent (2026)

A scratch-built, white-box AutoML framework with zero dependencies beyond NumPy. Implements core ML algorithms, preprocessing pipelines, automated EDA. Engineered for WASM deployment and AI agent integration.

Computer skills

Data & Machine Learning

- **Libraries:** Pandas, NumPy, PyTorch
- **Concepts:** Machine Learning fundamentals, Data preprocessing

Software engineering

- **Languages:** Python, Java, JavaScript, TypeScript, Go, C++, C
- **Concepts:** Object-Oriented Programming (OOP), Software Design Principles

Web application development, DevOps and Databases

- **Frameworks/Libraries/languages:** Django, Vue.js, Nuxt.js, SQL
- **Tools:** Docker, Kubernetes, GitHub Actions, Git, SonarQube, SQLite
- **Concepts:** REST APIs, Web Dev, CI/CD, DB design, Data modeling