ABDELHAKIM AKCHOUCH

Intelligent Processing Systems Master Student

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📍 Rabat, Morocco

ABOUT ME

Currently studying for a Master's degree in Intelligent Processing Systems (IPS), I'm training in advanced concepts of intelligent data processing, artificial intelligence and emerging systems. My studies have given me a solid grounding in machine learning, deep learning, signal and image processing. At the same time, I'm deepening my skills in developing applications based on microservices architecture with Spring Boot, Spring Cloud and Spring AI.

EXPERIENCES

29-04-2024 | 31-05-2024

Tenmar(Petit Bateau)l Marrakech

Management of the Product Development Department | PFE Internship
I designed and developed a product management application using .NET for the backend and Angular for the frontend. This application optimizes the follow-up of requests by automating the generation of tasks for employees.

PROJECTS

Integrated Library Management System (March 2025 - Present)
Business Intelligence project to transform or integrate files into PMB to improve document resource management.

Analysis of household energy consumption (Jan. 2025)
Application of data mining techniques (K-Means, KNN, association rules) to analyze energy consumption patterns.

Agricultural order management (Jan. 2025)
Development of an agricultural products ordering application in microservices architecture with Spring Cloud and Spring AI.

Beverage tax (June 2024)
Design of an application to manage and track the payment of beverage taxes, using Spring Boot for the backend and Angular for the frontend.

SKILLS

Programming
- C
- Java
- Python
- Prolog (Programmation logique)

Data Science and AI
- Pandas
- Numpy
- OpenCv
- Business Intelligence

Administration Systèmes & DevOps
- Linux / Bash
- Docker
- Git/Github

Web technologies
- HTML5, CSS3
- Angular
- Spring Boot
- Spring Cloud
- Spring AI

Databases
- MySql
- PostgreSql
- Mongo DB

EDUCATION

- **Master Intelligent Processing Systems**
  FS Rabat l Currently

- **Bachelor's degree in distributed computing systems**
  FSTG MARRAKECH l 2024

- **University degree in mathematics, computer science, physics and chemistry**
  FSTG MARRAKECH l 2023

- **High school degree in physical and chemical sciences**
  IMAM ALI HIGH SCHOOL l 2019

NON-TECHNICAL SKILLS

- Teamwork
- Learning agility
- Communication
- Creativity
- Time management

LANGUAGES

- Arabic: Mother tongue
- French: B2
- English: B2

HOBBIES

- Kickboxing
- Reading
- Travel