

Amine El Mednaoui

Casablanca, Morocco

 [linkedin.com/in/amine-el-mednaoui/](https://www.linkedin.com/in/amine-el-mednaoui/)

 (+212) 6-034-23781

 aminemednaoui64@gmail.com

SUMMARY

Graduated with a Master's degree in Big Data and Internet of Things from ENSAM Casablanca, I am currently seeking a professional opportunity to apply my skills and contribute to innovative projects. Curious, motivated, and passionate about data technologies, I aim to join a dynamic organization where I can continue learning and growing.

EXPERIENCE

Bachelor's Final Project

Bachelor's Degree Feb 2023 - Jun 2023,

Smart Office IoT Project

- Developed an IoT prototype to improve energy efficiency and user comfort.
- Implemented control systems for lighting, temperature, humidity, gas detection, and blinds management.
- Researched IoT technology, hardware selection, protocols, data modeling, and algorithms.
- Demonstrated the impact of IoT on productivity, safety, and sustainability in workspaces.

Final Project Internship

Web Development Intern Apr 2024 - Aug 2024,

BG PARTNERS, Casablanca, Morocco

- Developed a web interface using ReactJS, MySQL, Node.js, and Express.js to address employee attendance tracking at remote sites.
- Collaborated with the team to design and implement an efficient attendance management system.
- Enhanced full-stack development skills with focus on both front-end and back-end.

Master's Final Project

BPM Development & ERP Integration Intern Feb 2025 - Aug 2025,

BG PARTNERS, Casablanca, Morocco

- Designed an automated purchase process solution with BonitaSoft integrated into WaveSoft ERP.
- Replaced a legacy workflow (VDoc) by a BPMN-modeled process with customized user interfaces.
- Implemented a centralized web application to track requests, quotes, and stock releases.

SELECTED PROJECTS

Brimed Academy – Course Management System

Designed and developed a full-stack web application using ReactJS for the front-end and Spring Boot for the back-end. The platform enables efficient management of students, teachers, courses, schedules, and payments for a tutoring center.

EventGo – Android Application

Created an Android mobile application to explore and follow events related to the 2030 FIFA World Cup in Morocco. Implemented features such as geolocation-based event discovery, detailed event descriptions, ticket availability tracking, and interactive maps to enhance user experience for locals and tourists.

EDUCATION

National Higher School of Arts and Crafts Casablanca (ENSAMC) September 2023 - July 2025
Master's in Big Data and Internet of Things

Faculty of Sciences Ben M'sik Casablanca September 2020 - July 2023
Bachelor's Degree in Mathematical Sciences and Computer Science, Database Specialty

SKILLS

Programming	Python, Java, SQL, PLSQL, C, C++, JEE, ReactJS, NextJS, NodeJS, ExpressJS, SpringBoot, HTML-CSS-JS
Data Analysis	SQL, Excel, pandas, NumPy, Spark, Hadoop
Machine Learning	Scikit-learn, TensorFlow, PyTorch
Big Data Technologies	Apache Spark, Hadoop, MapReduce, NoSQL
IoT	Arduino, Node-Red
Database Management	MySQL, SQL Server, MongoDB
Version Control	Git
BPM Solution	BonitaSoft
ERP Solution	WaveSoft
Other Tools	Docker, AWS
Soft Skills	Collaboration, Innovation, Leadership, Problem Solving, Time Management

LANGUAGES

- Arabic (Native)
- English (Advanced)
- French (Advanced)

CERTIFICATIONS

AWS Academy Machine Learning Foundations October 30, 2024
Machine Learning with Python

Professional Scrum Foundation Certification - SFPC™ May 25, 2024
Scrum Training