




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 September 2023 - July 2025

Casablanca (ENSAMC)

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