Firdaous BOULBEN

Master's Student in IT Security and Big Data

PROFILE

I am a Master's student in IT Security and Big Data looking for an end-of-studies internship starting at the end of January. Passionate about data protection and systems analysis, I aim to apply my technical skills in a dynamic team to tackle innovative challenges.

+212 637 322 290
firdaous.boulben@gmail.com
linkedin.com/in/firdaous-boulben
Tangier - Morocco

EDUCATION

Master's degree in IT Security and Big Data
Faculty of Science and Technology, Tangier
2023 - 2025

Bachelor's degree in Computer Engineering
Faculty of Science and Technology, Tangier
2020 – 2023

Baccalaureate in Mathematical Sciences B (French option)
Moulay Youssef Technical High School, Tangier
2019 – 2020

SKILLS

Programming: C, C++, Java, Python, Shell BASH.
Web Development: HTML, CSS, JavaScript, PHP, React, Angular.
Databases: MySQL, MongoDB, PostgreSQL, SQL Server.
Big Data: Hadoop, Spark, Kafka.
Cryptography: RSA, El Gamal, SSL/TLS, Hashing (MD5, SHA).
Penetration Testing & Ethical Hacking: Kali Linux, Metasploit, Nmap, Wireshark, Social Engineering.

LANGUAGES

English: Fluent   **Spanish**: Intermediate
French: Fluent   **Turkish**: Good
Arabic: Fluent   **Russian**: Beginner

CERTIFICATES

Google Cybersecurity Professional Certificate - Coursera

Foundation Level Threat Intelligence Analyst – arcX

Data Science Tools – Cognitive Class

EFSET English Certificate (C1 Advanced) - EF Standard English Test

PROFESSIONAL EXPERIENCE

Full Stack Developer
Digital Future s.a.r.l, *Tangier*   *09/2024 – 12/2024*
- Design and development of a web application for clinic management.
- Design and development of a web application for invoice management.
- Creation of the official website for the company Tareb.

Full Stack Developer
Digital Future s.a.r.l, *Tangier*   *07/2023 – 09/2023*
Development and design of a web application for school management.

Intern for End-of-Studies Project
Digital Future s.a.r.l, *Tangier*   *04/2023 – 06/2023*
Development and design of a web application for fleet management for the transport company HOSA Trans.

PROJECTS

Cybersecurity Chatbot based on diffusion models and language understanding with RAG.
Tools: PyTorch, Hugging Face Transformers, LangChain, Elasticsearch, Flask, Spring Boot, MongoDB, Angular, Tailwind, Docker.

Malware Detection System based on signatures and images.
Tools: Python, Scikit-learn, OpenCV, Flask, Angular, Tailwind.

Web Application for Real-Time Analysis and Prediction of customer churn for a Telecom operator.
Tools: Python, Apache Kafka Stream, Apache Spark, Matplotlib, Pandas, Flask, MongoDB, Docker.

Decision-Making Solution for analyzing performance indicators in education at FST Tangier.
Tools: Pentaho, Tableau, Microsoft BI Suite, OLAP, ETL.

Web Application for Managing Car Rental Agencies.
Tools: Spring Boot (Spring security, Spring Data, Spring Web services), Flask, MongoDB, Angular, Tailwind, JWT, 2FA, Docker.

Desktop Application for Managing Orders and Deliveries.
Tools: Java (JavaFX), JDBC, MySQL, Scene Builder, IntelliJ IDEA.

Mobile Chatbot Application for Emotional Well-Being called *HeartChat*.
Tools: React Native, Tailwind, Node.js, API REST, Google Gemini API, Firebase.

2D Puzzle Platformer Video Game called *PICO PARK*.
Tools: C++, Cocos2D game engine, Visual Studio.