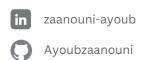


#### AYOUB ZAANOUNI

# Software Engineer

Seeking a software engineering internship, with a minimum duration of 3 months starting in April, with the possibility of continuing in a work-study program



zaanouniab@gmail.com

+33 06 01 90 94 47

Open to international

Clermont-Ferrand, France

#### **EDUCATION**

## **MASTER'S IN COMPUTER SCIENCE**

#### ISIMA

09/2024 - Present

Clermont-Ferrand, France

- Foundations of Databases
- Networks and Security
- Software Engineering
- Artificial Intelligence

# **BACHELOR'S IN COMPUTER SCIENCE TECHNOLOGIES**

Specialization: Information Systems Development

#### Higher Institute of Technological Studies

09/2021 - 06/2024

Sousse, Tunisie

Application Design and DevelopmentDatabases

Mobile Development

Symfony, SQL Python, .Net

Java, flutter PHP

#### ♦ CS50X - INTRODUCTION TO COMPUTER SCIENCE

Harvard University - 2022

 Learning fundamental computer science concepts, including algorithms, data structures, and programming in languages such as C, Python, and SQL.

# **EXPERIENCE**

#### ♦ END-OF-STUDIES INTERNSHIP BACK-END DEVELOPER

#### Dasseti

2024 (4 months) February - May

Dubaï, UAE

- Implementation of an ETL process with .NET and SQL Server to integrate SEC's Form ADV data into Dasseti, using Clean Architecture.
- Optimization through database normalization and batch processing, resulting in a processing speed increase of over 300%

# FULL-STACK DEVELOPER INTERNSHIP

# **ISET Sousse**

2024 (1 month) January

Sousse, Tunisie

 Development of a mobile application in Java and a web application with .NET for administrative management (make-up requests, schedule management, assignment creation, etc.).

# MOBILE DEVELOPER INTERNSHIP

# **Enova Robotics**

2023 (1 month) June

Sousse, Tunisie

 Development of a mobile application using React and Ionic to control a solar panel cleaning robot.

# IT TECHNICIAN INTERNSHIP

## MIPS

2022 (1 month) January

Sousse, Tunisie

- Diagnosing and resolving technical issues for clients.
- Performing preventive maintenance on computer hardware.

# **CERTIFICATIONS**

# 

- Fundamental Concepts of Python
- Problem Solving in Python

#### 

• Java Basics and Object-Oriented Programming (OOP)

# Languages

FRENCH

ARABIC

#### Skills

Programming Languages::

- Python, Java, PHP, Dart, R
- SQL, PL/SQL, JavaScript, GDScript

ENGLISH

# Markup Languages :

HTML, CSS, XML, XSD

Operating Systems :

Windows, Linux

Frameworks and technologies:

- Flask (Python), Symfony (PHP), .NET
- · Android Studio, Godot, Flutter

#### Others :

· Git, UML, MySQL, SQL Server

# **Projects**

#### NutriScan

- Development of an **Android application** in **Java**
- Integration of the Open Food Facts API to retrieve product information from scanned barcodes.
- Set up a .NET server for product and user management.

### Sound Seeker

 A Chrome extension aimed at enhancing the user experience by detecting sounds from open tabs and highlighting their sources.

#### Tic-tac-toe - Al

 Creation of an Al for the Tic-Tac-Toe game in Python, using the Minimax algorithm to ensure optimal gameplay.

# Quiztopia

 In collaboration with a colleague, we developed a web-based quiz application with Symfony. I handled the backend development, designed the database, and ensured interaction with the frontend.

# Volunteering and Affiliations

Concurrent Programming Lead (2022 - 2023)

- Organized and led programming events.
- Mentored 20 members.
- Developed a Python script to manage forms. *Member* (2021 - 2022)
- Active participation in club activities.
- Completed workshops.

#### Interests

- Passionate about programming and exploring new technologies
- Enthusiast of competitive and team-based games
- Camping: Passion for nature and outdoor activities