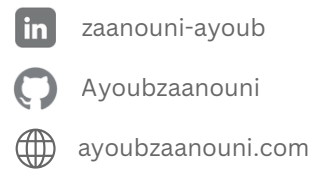# AYOUB ZAANOUNI

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

- **in** zaanouni-ayoub
- **GitHub** Ayoubzaanouni
- **🌐** ayoubzaanouni.com

- ✉ 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 Development
- Databases
- 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

CS50P: HARVARD UNIVERSITY (2023)

- Fundamental Concepts of Python
- Problem Solving in Python

JAVA : UDEMY (2023)

- Java Basics and Object-Oriented Programming (OOP)

Languages

FRENCH   ENGLISH   ARABIC

Skills

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

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 - AI
- Creation of an AI 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

GDSC

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