HAMZA BADAOUI

Engineering student

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Address

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Website

Azmah-bad.github.io

Skills

Fast learner

Team worker

Energetic

Autonomous

Languages

English – Fluent

French – Native

Arabic – Native

German – Basic skills

Hobbies

Football

Gaming

Working on side projects

Programming Skills

Git GitHub

Python Django

TypeScript Angular

JavaScript NodeJs Express

Java GoLang and C

Summary

An engineering student from INSA Lyon with skilled experience in programming and development, focusing on web development, frontend UI, Backend automation, database management and python programming. Significant additional experience has been gained by working on my own side projects.

Experience

Red Cross   2020
Benevolent mobile app developer
Developed the security protocol of the apps; this meant to encrypt the data of the sensitive app while providing controlled access for first aid responders and authorities.
Designed the user's UI and data visualization making it simple to use.
Coordinate the teams working on the apps by using a version control system (git).

ETIC INSA Technologies   2019 – 2020
Consultant
Tasked with the developing module to make existing Laundromats smart and connected.
Designed the server/client architecture of the module.
Created an API to remotely control the Laundromats via the module.

Strandbeast   2020
Research project
Designed and developed the intelligence of the strandbeasts, a fleet of robots that had to be controlled remotely. I was in charge of developing a discovery and a patrol protocol in Python, I led a test-driven approach to this project with unit test to make it easily maintainable.

Education

INSA Lyon   2019 - 2022
Telecommunications engineer degree

Franklin Roosevelt - Reims   2016- 2019
Undergraduate course in engineering

About me

I would describe myself as very ambitious and cheerful person that loves to take up challenges, this led to me having multiple side projects and learning new technologies. I work very hard to see these challenges and goals through.
And now I'm ready to take up a new challenge regrading my professional career.

HBA