YASSINE AHMED ALI

EMBEDDED SYSTEMS | IOT

// ABOUT ME

Dedicated web, Python, and embedded systems developer, skilled at crafting sophisticated solutions efficiently. Demonstrates a keen eye for designing elegant software within tight deadlines. Enthusiastic about software architecture and committed to delivering top-notch results.

Nationality: Tunisian
Place of Birth: Tunis

// CONTACT

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// EDUCATION

>> **2023 - present:** Engineering student at ISI
>> **2020 - 2023:** Computer Engineering Student at University of Tunis El Manar.
>> **2019-2020:** Les Pères Blancs High School Baccalaureate of Mathematics.

// SPOKEN LANGUAGES

ARABIC: Native Language ENGLISH: Bilingual

FRENCH: Bilingual GERMAN: Intermediate

// PROGRAMMING LANGUAGES

- C/C++
- C# / VB.NET
- CSS
- HTML
- JAVASCRIPT / TYPESCRIPT / NODE.JS
- PYTHON
- JAVA
- SQL/PLSQL
- VHDL

// FRAMEWORKS / LIBRARIES

- Bootstrap
- Flask
- Qt for Python (PySide2)
- PyQt
- Pygame
- ElectronJS
- MUI (Material UI)
- Selenium
- BeautifulSoup 4
- JavaFX
- AngularJS
- Firebase
- Axios
- React
- ExpressJS

// PROJECTS

>> Fleet Management Solution - Angular, Express, ESP32
May, 2023
I've developed a complete fleet management platform that allows you to track your vehicles in real-time. It allows you to set restrictions like speed limits and geo-fencing. it also allows you to receive notifications if an accident were to happen.

>>PyValoAPI - Python, REST-API
January, 2023
Unofficial Valorant API that interacts with the Riot Client. It sends requests to the game's local API therefore making script development easier. It's available on PyPi as a ready to use package. It's also available as an open-source project on GitHub!

>> Smart Garage IOT - React Native, Raspberry PI, Tensorflow
June, 2022
For my "End Of The Year Project", I've developed a Smart Garage System capable of scanning a car's licence plate and alerting the home owner via an android app of its presence. If that plate is trusted then the garage will automatically open then shut after the vehicle safely enters.

>> Blink SFTP Client - Java
May, 2022
Blink SFTP is an easy to use SFTP/FTP Client written entirely in Java. It uses the JavaFX GUI Library and JSch from JCraft which is a pure java implementation of SSH2. It also has its own built-in update and plug-in system. It's also available on GitHub.

>> Photon (Python IDE) - Python
Jun, 2020
Photon is an open-source Python IDE. It features a built-In Interpreter console with error output, a theme selector (Light and Dark mode), and syntax highlighting. Source code is available on GitHub.

>> Tinify: A URL Shortener. - Python, HTML, CSS, and JS
Jun, 2020
Tinify is a lightweight URL shortener built almost entirely in python. It utilizes Flask (micro web framework) for back-end and Bootstrap for front-end. It is completely open-source and available on GitHub.

>> Sudoku! - Python
May, 2020
Sudoku! is a simple yet elegant GUI Sudoku game available for Windows, Linux, and Mac. It's entirely written in python and it has a built-in Sudoku solver. It's also available in GitHub and is open-source.

// CERTIFICATIONS

- AI For Everyone [Coursera]
- Python for Data Science, AI & Development [Coursera]
- Data Analytics, Storage, Mining & Visual Big Data Technologies [Udemy]
- Python Programming for Beginners [Udemy]
- Python And Flask Framework (Complete Course) [Udemy]
- HTML, CSS & Bootsrap [Udemy]

// PARTICIPATED IN

- 2021 IEEEXTREME HACKATHON
- 2020 INFOHACK HACKATHON

// WORK EXPERIENCE

>> Software Development Intern at ST2i
Feb, 2023 - June, 2023
I was given the task of creating a standalone, portable, and easy to use fleet management solution.