MOHAMMED ALI HACHICHA

Developer

+216 55 488 678 | dalyhachicha7@gmail.com | daly-hachicha.webflow.io | Tunisia, Sfax

SUMMARY

Having a passion for computers has led me to expand my knowledge in computer science from a young age.
I was absolutely attracted to computer software and games which later developed into an interest in programming.
I am mostly self-taught, as well as having a fundamental license degree in computer science from the Higher Institute of Computer Science of Mahdia.

I also have some experience developing mobile and web applications as a freelancer.
Since the beginning of 2022, I've been working as a Full Stack Developer for MAS Enterprise.

SKILLS/TOOLS

- **UI/UX Design**

Prototyping | Wireframing | User Flows | Mockups | Adobe Illustrator | Adobe PS | Adobe XD | Figma

- **Databases & Web Storage**

Firebase | MSSQL | MongoDB | Redis | AWS S3 | Amazon RDS

- **Front-End**

Flutter | HTML5 | CSS3 | JavaScript | JQuery | Bootstrap

- **Back-End**

FLASK | Django | FastAPI

- **Desktop/Mobile Apps**

Flutter | C# (.NET) | VB.NET

- **Competencies**

Unit testing | Computer Vision | Git | API's | Jenkins | Machine Lerning & AI | Data Structure and Algorithms | Data visualization | MVC and MVT Architecture

PROGRAMMING

Python
Proficient

Dart
Advanced

SQL
Advanced

HTML/CSS/JS
Intermediate

C#/VB.NET
Rusty

EDUCATION

Baccalaureate degree in Computer Science
Hedi SOUSSI high school - Sfax
july 2018

Fundamental License in Computer Science
Higher Institue of Computer Science - Mahdia (ISIMA)
10/2018 - 07/2021

PROJECTS

Full Stack Developer

01/2022- ongoing

MAS-Entreprise

Web Scraping Projects

- Daily recovery of bank currency rates, from various websites of Tunisian banks and Attijari Morocco and insert them into the database.
- Recovery of banking indicators: Euribo and Libor
- TMM recovery

Technologies used: Python Selenium, Pandas, Jenkins CI

Project to reform the accounting and financial system:

- Identifying missing invoices between group companies and creating and then accounting for them
- Identification of missing settlements between inter-group companies and creating and then accounting for them

Technologies used: Python, Pandas and SQL

Follow-up of manufacturing requests from creation to delivery to the customer

1. Creation of a mobile application for the group's sales representatives, which interacts with the "ERP" database for the creation of requests and manufacturing orders.
2. Add an extension for the "ERP" to print tickets for the products for which the "OFs" have been created
3. Creation of a mobile application to deliver the items sold and record the deliveries in the database

Technologies used: Flutter, Python Flask, SQL, C# (.NET)

Production management for the company VOTLEQPLUS

- Desktop application for production order tracking
- Communicate with a "Third Party" Chacal solution which optimizes cutting by sending the list of items to be cut and adapting the returned result to the "ERP" data schema
- Prepare a dashboard for the illustration of the progress of all manufacturing orders.
- Adapt the display for a touchscreen terminal

Technologies used: C#, DevExpress, SQL Server

Mobile application for the management of digitized bank financing documents

- Writing a script for the recognition of text from scanned PDF documents and structures in the form of records from a SQL Server database
- Compare the recognized data with those entered by the data entry agents and notify them of any entry errors to do what is necessary

Technologies used: Flutter, Python, SQL Server

Mobile application for the management of digitized bank financing documents

- Modification of an existing Crystal Report (in the ERP), by adding a QR Code which will be analyzed later by the mobile app, the data will then be provided by a Flask application and visualized in different screens of the 'application

Technologies used: Flutter, Python, SQL Server

PROJECTS

Computer Science Student

10/2018- 07/2021

ISIMa

Eye-Glasses Recommendation system for opticians

- A phase of research of the architecture to implement was completed by the choice of Inception-V3 (CNN), after having tested the following methods: HAAR Cascades, Media pipe face mesh (Google),…
- Preparation and training of a model based on the chosen architecture

  Writing an API in Flask, to consume this model, deployed in H5 format, following a face capture by a camera from a web interface (Bootstrap/Jquery)
- The model has an accuracy value of 98%
- The API offers the appropriate glasses for the person in question, and registers a purchase order if the latter is interested in buying it
- The recommendation system is implemented in a responsive e-commerce and an admin dashboard

Technologies used: Python Flask, TensorFlow, Kaggle, Bootstrap

CERTIFICATIONS

English C1 Advanced Certificate - EF SET

shorturl.at/CO239

april 2022

Python 101 for Data Science - IBM

shorturl.at/muEL1

feb 2021

Mobile App Intern - The Sparks Foundation

shorturl.at/pzDT8

feb 2022

Scrum Fundamentals - SCRUMstudy

shorturl.at/oqJP8

may 2022

M001: MongoDB Basics - MongoDB

shorturl.at/IGMOS

march 2022

STRENGTHS

- **Problem Solving**
- **Calculus 1 & 2**
- **Critical Thinking**
- **Commited to lifelong Learning**

BADGES