LOUAI ZAITER

MACHINE LEARNING SCIENTIST   ⦿ LONDON, UK RESIDENT   📞 +44 7787064167

○ DETAILS ○

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○ LINKS ○

Github

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○ SKILLS ○

Node.js

React

CSS

Python

HTML

Java

JavaScript

Racket

Ruby

Tensorflow

Scikit-learn

python

○ LANGUAGES ○

Arabic

French

English

👤 PROFILE

Mixing technical knowledge and the business aspect is one of the skills that I gained while working on several projects. Meanwhile, punctuality, communication, and self-discipline are factors that couldn't be neglected.

🎓 EDUCATION

MSc Advanced Computing Technologies, Birkbeck College, University of London, London
September 2021 — December 2022

The modules that I've taken include machine learning, information and network security, and cloud computing...

Licence in computer science , Medtech- Mediterranean Institute of Technologies, Tunis
September 2017 — May 2021

💼 EMPLOYMENT HISTORY

Machine Learning Engineer Intern at Evey Technologies
March 2023 — Present

- As a machine learning engineer intern, I had the responsibility to implement a conversational AI for evey's website. The technologies that I've used to implement such a chatbot include TensorFlow, nltk, and other python libraries. After implementing the conversational AI, I've been given the task to implement API endpoints for the chatbot which is done using the Flask web framework.

CEO and Founder at encrylatex.live, London
February 2023 — Present

- The web application represents a Latex web editor that allows the users to compile LaTex code and export it to PDF or Microsoft Word readable format. &The main tasks to build the web application were to implement a Restful API using Go Gonic web framework, the front-end part using React js and milligram css, the API that compiles the LaTex code using ruby Sinatra, and, finally, containerize the application while deploying the container images to a Cloud provider i.e Digital Ocean.

CEO, Founder and Developer at EncrygeN, London
January 2022 — July 2022

- To implement the web application, I've separated the project into two entities: the front-end part which is built using svelte js and the backend part powered by node js. The main idea behind the application is that it allows users to generate invoices and share them using the Qr code and the keys. To ensure the end-to-end encryption, I've implemented an enhanced version of the Feistel cryptosystem that is in charge of the encryption and decryption tasks.
- I've also worked on the business model canvas (BMC) and did the SWOT (strength weakness opportunity threats) analysis along with the PESTLE analysis.

GitHub repository:

- https://github.com/louazz/ecrygen-front
- https://github.com/louazz/encrygen-backend

Electron Js Developer at BSA (freelance), Remote
July 2021 — August 2021

- The tasks included developing a desktop application that generates invoices with QR code and store them in a database with a reference number. The framework and libraries chosen to build this project were: Electron JS + React JS + Electron-DB (document database) + Electron-packager to deploy and build the application to work on both Windows and macOS. Add products and clients then perform a transaction that generates an invoice. Load CSV files programmatically into the product database while making an algorithm that opens the product.json file, maps, and transfers all the data within the CSV file to the document database.
- GitHub repo: https://github.com/louazz/BSA (not built)

chatbot's fallback channel implementation at Standard Sharing Software 3S, Tunis
August 2020 — September 2020

- The main task was to implement a fallback channel for SAP conversational AI, so, whenever the chatbot gets stuck the clients get redirected to a window where they can chat with customer service. The job included implementing a RESTful using node js, and connecting it with the ChatBot front-end which is implemented using React JS library.

Dart/Javascript developer: NFC integration at Evey Technologies, Tunis
June 2020 — August 2020

- Evey Technologies is an event management web platform that enables users to book for free or premium events and generate event tickets with a Qr code. The problem was that scanning Qr code in a dark environment is not suitable. The idea was to implement a mobile and a web application that transfer data from Qr code to NFC tags while making use of the web experimental NFC. The technology used while implementing the mobile application is the flutter cross-platform framework. The web application is implemented using React front-end library.

❖ CERTIFICATION

Tensorflow Developer Certificate, Google Tensorflow
March 2023 — March 2026

National Microsoft Technologies Camp, MTC Tunisia
March 2021