LARBI SAIDCHIKH

Developer ~ Data science and AI student

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SKILLS

Languages: Java, SQL, Python, JavaScript, HTML, CSS, C++, C, kotlin, Flutter, PHP, R

Technologies: GCP, Docker, Spark, Hadoop, Hive, React.js, next.js, node, sickit-learn,TensorFlow, pytorch, Django, Flask, tailwind, bootstrap, npm, vite

PROJECTS

React.js, Tailwind, Laravel **Gostudz** — gostu.net
A fully functional web application for high school students to find resources, teachers, and open discussions in a forum with other students all over Algeria.

scikit-learn, python **MetroPT3-Predictive-Maintenance** — github link
This project explores the MetroPT-3 dataset, a valuable resource for developing predictive maintenance models in metro trains.The main task of the project is to use this dataset to develop various robust predictive models tailored for failure prediction and anomaly detection and other maintenance-related tasks. This includes various established techniques like Linear Regression, Naive Bayes, KNN, SVM, and Random Forest to advanced methods including XGBoost, and Neural Networks.

R language **Analyzing daily total female births in California in the year 1954** — github link
This study explores daily variations in female births throughout California for the year 1959. The data set provides a unique opportunity to examine potential factors influencing birth patterns within a specific year. Analyzing these daily fluctuations can offer insights into seasonality, potential healthcare system influences, or even random chance. Understanding these birth patterns can be valuable for healthcare resource allocation, staffing decisions, and potentially uncovering underlying societal trends.

scikit-learn, Python **FIFA Ultimate Team market analysis** — github link
The primary objective of this project is to leverage machine learning techniques to predict the overall rating of FIFA players. By understanding the underlying features that influence player performance, we aim to create a model that can generalize well and provide accurate predictions.

Python **AI-toolbox** — github link
A project that combines various AI algorithms to provide visualization and functionality for search algorithms, a game (CONNECT4) using min-max algorithms, and a Constraint Satisfaction Problem (CSP) solver. This toolbox aims to provide a comprehensive understanding of these AI techniques through interactive visualizations and practical examples.

Flutter, Flask, Supabase **GIFTY** — github link
This mobile application, built with Flutter, aims to seamlessly connect gift and flower sellers/owners with potential buyers, fostering a convenient and enjoyable shopping experience. Sellers can effortlessly showcase and sell their products, while buyers can efficiently discover and purchase desired gifts based on a range of attributes.

EDUCATION

11/2021 - 9/2026 **Artificial intelligence and Data science degree** — National higher school of artificial intelligence
Enrolled, full time program

04/2023 - 11/2023 **AI saturdays program** — world learning Algeria
A 6 months AI programs that includes python language, ML, deep learning

09/2023 - x/2023 **Q-CLASS** — Q-world
An online semester in quantum computer in Latvia University

EXPERIENCE

| 7/2023 – now | **mobile UI designer and front-end developer** | **Gostu.dz** |

- responsible for translating design mockups and wireframes into functional and interactive user interfaces. This involves writing clean, efficient code
- In UI design, I focus on creating visually pleasing layouts, while in UX design, I prioritize user research and usability testing to optimize the overall user experience.

```
React.js  /  Tailwind.css  /  next.js  /  Figma
```

| 11/2022 – now | **Marketing manager** | **Google developer student club** |

- develop and execute strategic marketing campaigns to promote Google Developers Student Club (GDSC) events, workshops, and initiatives. This involves creating comprehensive marketing plans, setting campaign objectives, and identifying target audiences to effectively reach and engage student communities.

| 02/2023 – now | **Machine Learning Intern** | **Cellula Technologies** |

- Learn different machine learning techniques to solve real world problem such as regression and classification.
- Learn how to deploy those model to use them in the daily life.

```
Django  /  Flask  /  sickit Learn  /  Python
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| 8/2023 – 9/2023 | **software engineer intern** | **Pysoft** |

- developing a full-stack web application using front-end, backend technologies and database management system

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SQL  /  Angular  /  Django
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CERTIFICATES

| 03/2022 | **Fundamentals of Deep Learning** | **NVIDIA** |

Credential ID=b19186ad7336472d8a9db760d96431d0

| 04/2023 | **Responsive Web design** | **freeCodeCamp** |

VOLUNTEERING

Media Team Leader **Agrichallenge**

Lead the media team to cover events and activities, ensuring comprehensive and engaging media coverage through photography, videography, and social media content.

Organizer **AI for Africa**

Volunteered as an organizer of the international conference AI For Africa'23.

AiFest'24 Mentor and Speaker **Google developer student Club**

I was part of the mentoring team for the annual datathon AiFest'24 organized by GDSC ENSIA, where I shared my data science skills with participants..

LANGUAGES

English - Professional , **Arabic** - native, **Tamazight** - native, **French** - Professional