Abdelghafour LAHRACHE

2nd Year Master's degree student in Big data and IoT

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🏠 Settat, Morocco

📅 Date of birth 03/03/2001

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🏳 Moroccan

💻 Open to remote work

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Passionate about data exploration and analysis, I want to put my skills and creativity at the service of innovative projects during a 4 to 6 month PFE internship.

Work experience

Data Science Intern
From April 2022 to June 2022 NEW GENERATION TECHNOLOGY Settat, Morocco

- Developing machine learning models
- Performing data preprocessing and EDA tasks
- Creation of a bank card fraud detection system
- Creating an API that implements the model for web application use

Full stack Intern
From May 2021 to June 2021 SETRONIC Settat, Morocco

- Design and development of a warehouse management system
- Creation of the Web application using Java Spring with Thymeleaf following an MVC architecture with a database on MS SQL server

Education

Master en Big Data et Internet des Objets
Since September 2022
National Higher School of Arts and Crafts Casablanca, Morocco

- Development of prediction models and analysis of massive data.
- IoT and Big data to solve life problems.
- Agile methods and project management.

Professional Bachelor's Degree in Big Data
From September 2021 to June 2022 Ecole supérieure de Technologies Salé

- Virtualization and cloud computing
- Advanced Databases and Security Applied statistics
- Data mining and data warehousing
- CyberSecurity

Software development technician
From September 2019 to June 2021
Institut spécialisé en technologies appliquée Settat, Morocco

- Algorithmics and C
- Development of Web and Mobile applications
- Database Administration

Projets ACADEMIQUE

Creating a machine learning model that detects banking transaction fraud
- EDA, Python, SKlearn, MongoDB, API

Creating a streaming web application using Spring with Angular
- Angular, Spring, MongoDB, Web scraping, API REST

Desktop application for attendance management using facial recognition
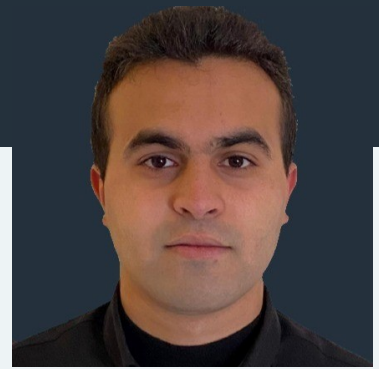- Python, Machine Learning, Facial Recognition, MongoDB

Design and development of a web application for car rental
- .Net Core, MS SQL Server, Web Scraping, Entity framework, MVC

Participation in a school project to set up a Hadoop ecosystem on our school servers
- Hadoop, Spark, Kafka, Networking

Social networks

in @abdelghafour-lahrache

○ @Abdelghafour2001

Compétences

Programming languages:
C#, Python, Java, C Embedded, Javascript, Typescript, R

Databases :
Oracle, MS SQL Server, Neo4j, MongoDB, Firebase

Data science :
BI, ML, DL, Text Mining, Data mining

Frameworks & Libraries :
Spring, .Net, Angular, SKLearn, Keras, Tensorflow, Laravel

Big data :
NoSQL, Docker, Hadoop, Spark, Kafka, Virtualisation

Tools :
ODI, SSIS, SSAS, SSRS, PowerBI, Talend, COSMOS

Languages

Arabic
Native Language

English
Advanced

French
B2 : TCF

Certifications

HCIA-AI V3.5 Course Certificate

Hackerrank intermediate Problem Solving certification

SCRUM foundation professional certificate SFPC v2020

Introduction to CyberSecurity - CISCO

Digital Marketing - Google

Introduction to AI - University of helsinky