Abdellah HALLOU

Artificial Intelligence & Computer Engineering Student

A 21 years old, Artificial intelligence & Computer engineering student at ENSAM CASABLANCA, looking for an internship in Data Science & Machine Learning.

📍 Casablanca, Morocco

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EDUCATION

Baccalaureate–Physical science
ImiMqourn High School, Imi Mqourn
2018 - 2019

DUT – Computer engineering
EST Agadir, Agadir
2019 - 2021

Engineering degree– IA&GI
ENSAM Casablanca, Casablanca
04 October 2021 – still studying here

PROFESSIONAL EXPERIENCE

Technocolabs softwares, Indore
Data Science intern ,05 May. 2022 - 20 Jun 2022
Predicting Flight Ticket Prices and Optimal hour: Python, sklearn, Pandas, LGBMRegressor

- Understanding Data
- Hypothesis Generation
- Handling missing values
- Handling outliers
- Univariate and Bivariate analysis
- Handling Categorical Data
- Feature engineering(perform PCA to reduce data dimensions)
- Modeling using LGBMRegressor

Souss Tech, *Agadir*
End-of-study internship, 17 Mar.2021 - 18 Jun. 2021
Storeino Help Center: MongoDB, Nodejs, Expressjs, Vuejs/Nuxtjs, BOOTSTRAP, Tailwind.

- Development of a Restful API with NodeJS for the management of users, articles, contacts, and categories.
- Implementation of authentication by JWT Tokens.
- Password encryption.
- Management of MongoDB database by Mongoose.

EST-A, Agadir
End-of-study project, 01 Jan. 2021 – 20 May. 2021
E-learning platform : Django, HTML5, CSS3, JS, Chartjs, Bootstrap, Sass, SQLite.

- User authentication.
- Checking user status.
- creation of courses by teachers.
- Purchase of courses.
- Deletion and modification of the course by the teacher or the administrator
- Getting students' feedback about the courses through a forum.
- Answer student questions by the teacher.

EST-A, Agadir
Initiation Internship, 01 Aug. 2020 - 31 Aug.2020
Admin panel for Car Rental owners : MySQL, FLASK, HTML5, CSS3, JS, BOOTSTRAP.

- Creation of the database (model).
- Creation of the administration interface (view).
- Creation of the logic (controller).
- Testing (Unit testing, System testing).
- The deployment

SKILLS

Web Development

Front-end
Vuejs/Nuxtjs, Tailwind, Bootstrap.

Back-end
Flask, Django.

BI/Data Science

Visualisation
Python (pandas, NumPy, scikitlearn, matplotlib, seaborn ...), R

Modélisation
ML : Decision Tree, Random Forest, Gradient boosting, linear regression, LGBMRegressor

Programming Languages
Python, JavaScript.

Databases
MongoDB, MySQL, SQLite, Oracle DBMS.

Versioning & Cloud
Git, GitHub, Heroku, AWS.

Modeling/Design
Merise, ERD,UML.

Management tools
Scrum.

Operating System
Linux, Windows.

Algorithms & Data Structures
Arrays (Sorting Algorithms), Linked Lists, Doubly Linked List, Circular Linked List, Stacks, Queues, Trees, Graph Theory (Kruskal, Dijkstra, Bellman Ford, Ford Fulkerson)

CERTIFICATES

- Huawei–Certification de 5G
- NDG Linux Unhatched
- CLA: Programming Essentials in C
- Design Thinking for Innovation
- Teamwork Skills
- kaggle Python
- kaggle Pandas
- kaggle Data Cleaning
- kaggle Intro to Machine Learning
- kaggle Intermediate Machine Learning
- kaggle Data Visualization
- kaggle Machine Learning Explainability
- kaggle Feature Engineering
- Database Design

REALIZED PROJECTS

PYTHON3, Pandas, Matplotlib, sklearn
predict house prices : **https://github.com/ABDELLAH-Hallou/melbourne-housing-snapshot**

PYTHON 3
Determination of the shortest path to distribute Argan cosmetic products from a cooperative based in the Souss Massa region to several destinations in Morocco : : **https://github.com/ABDELLAH-Hallou/operational-research**

PYTHON3, Tkinter, SQLite
A tuition service application that provides online services to ENSAMC students: : **https://github.com/ABDELLAH-Hallou/service-scolarite-ensam-casa**

PYTHON3, Pandas, Matplotlib
Predicting final grades of students: **https://github.com/ABDELLAH-Hallou/students_performance**

PYTHON3, Pyttsx3, PyPDF2, Tkinter
An application to convert text to sound with three languages Arabic, English, and French: **https://github.com/ABDELLAH-Hallou/AUDIOBOOK**

HTML5, CSS3, JS, Jquery, Ajax, Bootstrap4.6, PHP8, MySQL, Heroku, Cloudinary
A web application that represents a social network designed to serve club activities and student interactions with them at ENSAM CASABLANCA: **https://github.com/ABDELLAH-Hallou/ClubsNet**

LANGUAGES

French : Professional working proficiency

English : Professional working proficiency

Arabic : bilingual proficiency

SOFT SKILLS

Flexibility	Time Management	Creativity	Team Work
Patience	Team Managing	Public Speaking	Initiative
Team Motivation	Efficiency	Organization	Good listener