Hassane SKIKRI - Computer Science Student

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ABOUT ME

I'm Hassane SKIKRI, a computer Science student with a deep passion for data science and machine learning. I excel at transforming complex data into actionable insights, driving impactful solutions and continuous improvement.

WORK EXPERIENCE

Summer Research Intern

École Nationale des Sciences Appliquées de Fès [01/06/2024 – 01/08/2024]

City: Fes-Meknes | **Country:** Morocco

This project aims to develop an AI platform for the quick and accurate diagnosis of major diseases. The platform will allow users to upload medical images and receive a diagnosis within minutes.

EDUCATION AND TRAINING

Engineer's degree, Computer Science

École Nationale des Sciences Appliquées de Fès [10/10/2021 – 10/10/2026]

Country: Morocco | **Website:** https://ensaf.ac.ma/

At ENSA Fes, I'm pursuing a degree in Computer Science, gaining a strong foundation in programming languages such as C, C++, Java, Python, and MATLAB, along with web development and database management using Oracle. I'm also developing skills in data analysis

baccalaureate, Mathematics Sciences A

Lycée Lalla Salma, Rissani [09/09/2019 – 11/07/2021]

Country: Morocco

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

French

LISTENING B2 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Data Science

Data Cleaning / Data Preprocessing / Data Visualization / Feature Engineering / Pandas / matplotlib / numpy / Seabor n / Statistics / Probability

Machine Learning

MLOps / Scikit-learn / Gradient Boosting / hyperparameter tuning

Deep Learning

CNN / TensorFlow / Keras

Computer Vision

Object Detection / OpenCV / CVZone / pillow

Programming Languages

python / SQL (PL/SQL, Oracle) / C/C++ / Java / C#

Data Analysis

Tableau / Microsoft Excel

Web Development

html/css/js / React.js / Streamlit / Flask

Deployment

Heroku / AWS (EC2) / Docker / Microsoft Azure

PROJECTS

[03/06/2024 – 06/07/2024]

AI Portfolio Website Welcome to my portfolio! Here, you can explore the projects I've developed and see my ideas in action. The portfolio also features an integrated chatbot.

Link: https://github.com/SkikriHassane01/My_Portfolio

[30/08/2024 – 01/12/2024]

Data Science Roadmap Throughout this roadmap! you'll see how I went from a beginner in data science to mastering the field. Follow my journey and explore the skills and projects that got me there

Link: https://github.com/SkikriHassane01/Data-Scienc-Roadmap-from-zero-to-hero

[17/09/2024 – 10/10/2024]

Face Recognition with Real-Time Database A face recognition system that uses deep learning techniques and integrates with a real-time database for dynamic updates and recognition.

Link: https://github.com/SkikriHassane01/Face-Recognition-with-Real-Time-Database

[03/02/2024 – 07/03/2024]

Automatic number plate recognition with Yolov8 and EasyOCR This project combines YOLOv8 for object detection and EasyOCR for text recognition to automatically detect and read vehicle number plates.

Link: https://github.com/SkikriHassane01/Automatic-number-plate-recognition-with-Yolov8-and-EasyOCR

CERTIFICATS

[01/01/2024 – 02/05/2024]

Professional Certification in Data Science: Machine Learning

The **Codecademy Professional Certification** in Data Science: Machine Learning equipped you with skills in SQL, Python, scikit-learn, and neural networks. It provided hands-on experience in data cleaning, visualization, hypothesis testing, and machine learning projects.

Link: https://www.codecademy.com/profiles/HassaneSkikri/certificates/8e9e59de3f924b33ad2371faf667129b

[06/07/2023 – 05/11/2024]

Supervised Machine Learning: Regression and Classification

The **Supervised Machine Learning: Regression and Classification** course from DeepLearning.AI and Stanford University focused on building and optimizing regression and classification models. It provided practical experience in solving real-world problems with machine learning techniques.

Link: https://www.coursera.org/account/accomplishments/verify/3VXZF58EYKMR

PUBLICATIONS

[2024]

Master Feature Selection Part 2: Wrapper Methods In this Medium article, I discuss four greedy wrapper methods implemented using Python:

- Sequential forward selection adds one feature at a time.
- Sequential backward selection removes one feature at a time.
- Sequential forward floating selection adds and occasionally removes features.
- Sequential backward floating selection removes and occasionally adds features.