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SKILLS



Data Analysis & Machine Learning

Python Pandas NumPy R
Matplotlib



Front-End Development

JavaScript React jQuery
D3.js HTML CSS
Tailwind CSS Bootstrap



Back-End Development

Django



Databases

SQL SQLite



Programming languages

Python JavaScript C
x86 Assembly Common Lisp



Tools

JetBrains VS Code Jupyter LaTeX
Git GitHub Suite Office Notion

LANGUAGES

French	Professional proficiency
English	Professional proficiency
Arabic	Bilingual proficiency
Kabyle	Native proficiency

HOBBIES

- Web development
- Competitive programming
- Won a coding Hackathon
- Playing Chess

ABDESSALAM DAI

Computer Science student - 3rd year

I am looking for a 6-month internship starting in September 2023 as an assistant engineer in Data Science/ Machine Learning/ Artificial Intelligence

EDUCATION

Engineering degree in Computer Science

University of Technology of Compiègne

Classes : Databases, Artificial Intelligence, Data Structures, Statistics

2022-2025

Compiègne, France



Computer Science Preparation Class (15.55/20)

Higher School of Computer Sciences & Technologies

Classes : Algorithms, File Structures, OOP, Computer Architecture, Linux, x86 Assembly, Calculus, Linear Algebra, Probabilities, Mathematical Logic

2020-2022

Béjaia, Algeria



Baccalaureate in Mathematics (16.44/20)

High School of Houcher Mouloud

2020

Sétif, Algeria

STUDENT PROJECTS

Visual SFSD (Visualization of file structures)



Django, SQLite, JavaScript, D3.js, Tailwind CSS

- Set of algorithms and tools to visualize different file structures
- Interaction with files by searching, inserting and deleting data

Chexam

Python, Django, OpenCV, SQLite, Tailwind CSS, JavaScript

- Chexam is a combination of two words: Check + Exam. It was developed during the Code-Rally hackathon at ESTIN Béjaia, where my team has won the first place. Chexam is a Web application where teachers can publish copies of exams. It provides students with fast and unlimited access to their scanned copies, allowing them to understand their mistakes.

Mars Rover



JavaScript, jQuery, HTML, CSS

- Mars Rover is a contest that was organized by Sololearn. A rover is a space exploration vehicle designed to move across the surface of a planet, they can collect dust, rocks, and take pictures. This project allows us to simulate and visualize an autonomous rover by implementing its CPM (Command Processing Module). The CPM allows us to control the rover remotely.

CERTIFICATIONS

Machine Learning - Stanford Online

Linear Regression, Logistic Regression, Artificial Neural Networks, Deep Learning, Support Vector Machines, K-means Clustering, Matlab

Neural Networks and Deep Learning - DeepLearning.AI

Deep Learning, Neural Network Architecture, Backpropagation, NumPy, Matplotlib

Introduction to TensorFlow for AI, Machine Learning, and Deep Learning - DeepLearning.AI

Computer Vision, Deep Learning, Jupyter Notebook, TensorFlow, NumPy, Matplotlib

Web Application Technologies and Django - University of Michigan

Django, HTTP, Databases, SQL, HTML, CSS

Front-End Web Development with React - The Hong Kong University of Science and Technology

React, Redux

Python Programming Basic - Huawei

Python, OOP, Data Structures

Intermediate Machine Learning - Kaggle

Pandas, Scikit-learn

Intro to Machine Learning - Kaggle

Pandas, Scikit-learn