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ABDESSALAM DAI

Computer Science student - 3rd year

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, Object oriented programming, 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

CERTIFICATIONS

Machine Learning

Stanford Online

Neural Networks and Deep Learning

DeepLearning.AI

Introduction to TensorFlow for AI, Machine Learning, and Deep Learning

DeepLearning.AI

Web Application Technologies and Django

University of Michigan

Front-End Web Development with React

The Hong Kong University of Science and Technology

Python Programming Basic

Huawei

Intermediate Machine Learning

Kaggle

Intro to Machine Learning

Kaggle

STUDENT PROJECTS

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

SKILLS

Data Analysis & Machine Learning

Python Pandas Numpy R

Front-End Development

JavaScript React jQuery

D3.js HTML CSS

Tailwind CSS Bootstrap

Back-End Development

Django PHP

Databases

SQL SQLite

Programming languages

Python JavaScript C

x86 Assembly

Tools

JetBrains VS Code Jupyter

Git GitHub Suite Office Notion

LANGUAGES

French B2 level

English C1 level

Arabic Native
Kabyle

HOBBIES

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

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 to control the rover remotely.