



SAMIHA MAOUCH

Python Developer

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🌐 <https://github.com/samiha996>

📍 Lebanon

EDUCATION

M1 in physics
Lebanese University
2016-2020

Lebanese baccalaureate SV/LS
Al Iman schools
2015

PROGRAMMING LANGUAGES

Python - expertise
C - proficient
javascript - competent

TOOLS

HTML - proficient
CSS - proficient
Git - proficient

FRAMEWORKS & LIBRARIES

Django
Tensorflow

LANGUAGES

Arabic
English

ABOUT ME

A Python enthusiast passionate about crafting backend solutions with Django and exploring the intriguing world of AI. From a background in physics, I made the leap into programming, discovering a love for code during my master's journey. Now, having dived into Django and built projects, I'm on the lookout for opportunities to contribute, collaborate, and continue evolving.

EXPERIENCE

November 2023

StudyBud Discord Clone Project Django Backend Development

- Developed StudyBud, a Django-based Discord clone for collaborative study rooms.
- Enabled user authentication features, allowing seamless login, signup, and logout functionalities
- Developed a dynamic browsing system, enabling users to explore study rooms by topic, search for specific rooms, and engage in discussions.
- Implemented public access for visitors to browse rooms and topics, fostering a sense of community even for non-logged-in users.
- Enhanced user interaction through features like room creation and participation, fostering collaboration and designed a user-friendly landing page with real-time updates for recent activities.

September 2023

MathGarden project ML project

- Developed "MathGarden," a neural network that proficiently recognizes handwritten digits using the MNIST dataset.
- Utilized Python and the TensorFlow library to implement the neural network architecture, demonstrating a keen understanding of machine learning fundamentals.
- Acquired hands-on experience in preprocessing data, training models, and optimizing neural networks for accurate digit recognition.
- Cultivated problem-solving skills by troubleshooting and refining the model for enhanced performance.

CERTIFICATES

SE factory | FCS course May 2023

42 Beirut | C piscine March 2024