RAYEN ABED

SOFTWARE ENGINEER

Contact

Phone : (+216) 98 147 682

Email : rayenabed87@gmail.com

Address : Yaser Arafet City
Sahloul Sousse

Linkedin :
https://www.linkedin.com/in/rayen-abed-545799252/

GitHub : github.com/Abedrayen

Skills

- Data Engineering : Pandas, Seaborn, Matplotlib
- Python : Scikit-learn, TensorFlow, Keras
- MERN Stack
- AWS
- CMS Wordpress

Language

Arabic : Fluent   English : Advanced

French : Advanced   Deutsch : Beginner

About Me

Aspiring Software engineer with a solid foundation in machine learning and web development. Experienced in Python, MERN stack, and cloud technologies. Eager to apply AI to real-world challenges and grow through innovative projects.

PROFESSIONAL EXPERIENCE

- **AI Engineer | Retalk | 2025 - Present :**
  - Developed a contextual Automatic Voice-to-Sign Language Translation using deep learning.
  - Built Resume Job Matching Platform utilizing NLP for summarization and classification.

- **AI Instructor | GoMyCode | 2023 - Present :**
  - Delivered courses on artificial intelligence , mentoring students and providing hands-on support

- **AI Engineering Intern | DIGIX | Jul 2024 - Sept 2024 :**
  - Developed a medical chatbot with emotion detection and geolocation-based recommendations.
  - Utilized Ollama 2.0 and Retrieval-Augmented Generation (RAG) for medical information sourcing.
  - Enhanced chatbot functionality using machine learning algorithms.

- **Software Engineering Intern | DunDill | Feb 2024 - May 2024**

  Led two ambitious projects:
  - Smart Online Platform: Developed a platform integrating AI for personalized services (to-do list, timer, chatbot, and recommendations).
  - Neurodevelopmental Disorder Detection App: Built a mobile app for early detection of neurodevelopmental disorders in children.

- Chess game
- CTF

Education

- Bachelor of Computer Engineering
  | EPI Sousse | 2022 - 2025 |
- Integrated Preparatory Cycle | Higher Institute of
  Applied Sciences and Technology, Sousse | 2020 - 2022 |

PROJECTS

- Automatic Voice to American Sign Language Translation System
- Resume Job Matching Platform with Feedback Classification
- Neurodevelopmental Disorder Detection Model
- Syndrome Down Detection with Facial Recognition
- Smart Online Working Platform Website
- Polyredac- Copywriting Agency Website
- Patient Recommendation Chatbot
- Quora Comment Classifier (BERT Fine-Tuning)

ASSOCIATIVE EXPERIENCES

- 2023-2024 : **Vice Present EPI CoPro**
- 2022-2023 : **President - AJCC Siliana**
  Lead technical department EPI CoPro
- 2020-2022 : **Member Cyber trace club issatso**
- 2021-2022 : **Graphic Designer - AJCC Siliana**

Certifications

- HCIA-AI V3.5
- DeepLearning.io: Advanced ML Algorithms
- LinkedIn/Microsoft: Become a Software Developer
- Oracle Cloud Infrastructure– AI Certified (2023)
- Winner– Coding Moon Event (2024)