FERRAH MERIEM

Contacts

📞 (+213)667 35 82 03

✉ mm_ferrah@esi.dz

in linkedin-profile.com

github-profile.com

📍 Sidi Bel Abbes, Algeria

Academic Projects and Achievements

Sign Language Detection

- Developed a real-time hand gesture recognition system to interpret sign language using computer vision and machine learning. The system uses a webcam to capture hand movements, processes frames with OpenCV, and classifies gestures
- GithubLink

Movie Recommender System

- Designed and implemented a content-based movie recommender system that suggests similar movies based on a selected title. The system analyzes features such as genre, cast, director, and plot keywords to compute similarity scores using techniques like TF-IDF and cosine similarity. Built with Python, Pandas, and Scikit-learn, this project enhances user experience by helping users quickly discover movies that match their interests.
- GithubLink

Club Website – GDSC SBA   sep 2023 - dec 2023
Front-End Devoloper

- Collaborated in a team to develop the official website for the GDSC SBA (Google Developer Student Club). Contributed to the frontend (using Next.js) to present the club's activities, events, and team, enhancing its online presence and accessibility
- WebsiteLink

MyHome   Jul 2024 - Aug2024
Full Stack Devoloper

- A real estate web application built with the MERN stack (MongoDB, Express.js, React.js, Node.js). Integrated with Firebase for real-time data handling and authentication. Tailwind CSS was used to create a modern, responsive UI.
- GithubLink

Club Website – SpaceTech SBA   sep 2024 - oct2024
Front-End Devoloper

- Website for the SpaceTech Club (developped using React.js), To present the club's activities, events and team.
- WebsiteLink

About Me

Third-year student at ESI Algiers, passionate about full-stack web development and AI. Reliable, motivated, and a strong team player, I build modern and efficient web applications while also exploring intelligent solutions through AI.

Education

Superior degrees in Computer Science   2024-Present
Computer Systems Engineering

- Ecole Supérieure d'informatique-Algiers, Algeria

Preparatory degrees in Computer Science   2022-2024
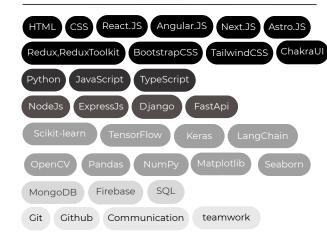**Computer Systems Engineering**

- Ecole Supérieure d'informatique-SBA, Algeria

Scientific Baccalaureate Degree   2019 - 2022
High School Baccalaureate Exam

- Lycee Boukhari AEK-Sidi Bel Abbes, Algeria

Skills

HTML CSS React.JS Angular.JS Next.JS Astro.JS
Redux,ReduxToolkit BootstrapCSS TailwindCSS ChakraUI
Python JavaScript TypeScript
NodeJs ExpressJs Django FastApi
Scikit-learn TensorFlow Keras LangChain
OpenCV Pandas NumPy Matplotlib Seaborn
MongoDB Firebase SQL
Git Github Communication teamwork

Languages

Arabic ●●●●●
Native or Bilingual Proficiency

French ●●●●○
Full Professional Proficiency

English ●●●○○
Full Working Proficiency