FIDMA MOHAMED ABDELILLAH
COMPUTER SYSTEMS ENGINEER

CONTACT

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EDUCATION

Master's Degree & state engineer in computer scince

the higher school of computer science ESI-SBA
2022–2023

SKILLS

- Deep Learning Frameworks: TensorFlow, Keras
- Data Science Tools: Anaconda, Python Libraries (NumPy, Pandas, Matplotlib,Sklearn,Selenuim etc.)
- Databases: MySQL, MongoDB
- Programming Languages: Python(with more than framework), Java, JavaFX, Flutter (Dart), JavaScript
- Operating Systems: Windows, Linux
- Web Development: HTML, CSS, JavaScript, jQuery, React.js,Flask
- Internet of Things (IoT) Technologies: Arduino, Raspberry Pi
- VCS:Git&Github
- MLops:TF.serving,FastApi,docker

LANGUAGES

- English - Proficient
- Frensh - Proficient

SUMARY

I am a highly motivated fresh Computer Systems Engineer with a degree from the higher school of computer science ESI SBA.
I have extensive background in various domains, having worked on numerous projects related to data science, mobile development, Internet of Things (IoT), and networks.
My enthusiasm for data science and AI, especially deep learning, has driven me to continuously explore and contribute to cutting-edge technologies in these areas.

EXPERIENCE

intern
CESI LYON • AVR 2023 – recent

- Machine Learning Development: Building and optimizing ML models for Predictive maintenance system.
- Data Analysis: Analyzing and processing large datasets for training ML algorithms.
- Ontology Integration: Integrating ontologies into AI systems for semantic understanding.
- Model Evaluation: Evaluating and fine-tuning ML models for improved performance.

mobile developer
FennecDeve • Fev 2022 – AVR 2023

- Cross-platform Development: Building apps for multiple platforms with React Native or Flutter.
- UI/UX Design Implementation: Implementing design elements for a better user experience.
- Bug Fixing and Troubleshooting: Resolving software issues and enhancing app performance.

Network Administrator Intern
Space Techniques institue ARZEW • SEP 2021 – NOV 2021

- Assisting with network management and configurations.
- Security Enhancements: Assisting in implementing network security measures.
- Troubleshooting: Identifying and resolving network issues and outages.

CERTIFICATIONS

- Neural Network &Deep learning
- HCIA security
- HCIA Routing&Switching
- Git
- Data science Fundamentals
- Data analyts

SOFT SKILLS

- Project management
- Teamwork
- Open-mindedness
- Autonomy
- Analytical skills.

PUBLISHED WORKS

- Hybrid Data-driven and Knowledge-based Predictive Maintenance Framework in the Context of Industry 4.0 [accepted]
- Predictive maintenance approaches in Industry 4.0:A systematic literature review [accepted]

INTERESTS

- Chess
- Athletics
- Human History

PROJECTS

- Hybrid Predictive Maintenance System based on Machine Learning and Ontology in Industry 4.0.

-Developed a system combining machine learning and ontology for predictive maintenance in Industry 4.0.

- Music Generation using Deep Learning.

-Utilized LSTM neural networks with TensorFlow to generate music compositions.

- Data Scientist Salary prediction

-Developed a machine learning model for predicting the salaries of data scientists starting from data collection and cleaning, followed by exploratory data analysis (EDA), culminating in the deployment of the model using Flask.

- On-Demand Delivery Mobile App with Flutter (Freelance).

-Developed a mobile app for on-demand delivery using Flutter.

- Web App for Medical Teleconsultation and Patient-Doctor Interaction with Tele-Imaging.

-Created a web application using MERN stack with PACS integration for medical teleconsultation and tele-imaging.

- Clean School with Internet of Things (Mini Embedded Project).

-Designed and implemented an embedded system dedicated to ESI SBA for ensuring a clean school environment.

INVOLVEMENT

Member, Finance Department
ALPHABIT CLUB • OCT 2021 – SEP 2022

Vice Team Lead, Human Resources Department
ALPHABIT CLUB • SEP 2022 – AVR 2023

Scout Leader
Algerian Scout • 2014 – now