FATIMA EL KABIR

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PROFILE

Senior Computer Science student with a focus on AI and software engineering. Proficient in AI development and full-stack web technologies, with strong programming and problem-solving skills. A proactive learner with practical experience in diverse projects and research, dedicated to using technology for innovative solutions.

SKILLS

- Python (Pandas, Matplotlib, Sklearn, pyTorch, TensorFlow ...)
- Django/ Flask /Node.js
- JavaScript / C / Java
- HTML /CSS / JQuery
- React.js |
- Spring boot
- Git/Github
- SQL/PostgreSQL
- UML/ERD
- Figma / Canva /Microsoft Office
- Agile/SCRUM/Waterfall
- Docker/ AWS
- AI/ Machine Learning
- Sientific Research / Problem Solving

LANGUAGES & INTERESTS

- **Languages:** Arabic (Native) | Amazigh (Native) | French(B2) | English (C1) | Spanish(A2).
- **Interests:** UI design | Cybersecurity.

CERTIFICATIONS

- Elements of AI (Artificial Intelligence)
- IBM Artificial Intelligence Fundamentals
- IBM Data Fundamentals
- Internet Society: Encryption
- Python
- Intro to Machine Learning
- Intermediate Machine Learning
- Intro to Deep Learning
- Computer Vision

EDUCATION

2020 - 2024
AL AKHAWAYN UNIVERSITY

- Bachelor of Science in Computer Science | Graduating: December 2024
  - **Scholarships/Awards:** Al Akhawayn Merit Scholarship, Dean's Honors List, President's Honors List.
  - **Coursework:** Computer Programming (C) | Data Structure | Object Oriented Programming | Analysis of Algorithms| Introduction to Artificial Intelligence | Software Engineering | Database Systems |
  - **Minor:** Business Administration.
  - **GPA: 3.93**

WORK EXPERIENCE

Teaching Lab Assistant (TLA), CSC 1401   FALL 2024 - PRESENT

School of Science and Engineering at AUI | Ifrane, Morocco

- Collaborate with instructors to enhance classroom sessions and activities for the programming in python course.
- Guide students through in-class tasks and group work.
- Assist with grading assignments and proctoring quizzes.

Full Stack Freelance Developer | Remote   MAY 2024 - PRESENT

- Developed full-stack web applications using technologies such as Django, React.js, Tailwind CSS.
- Collaborated with clients to gather requirements and provide custom software solutions.

AI Developer Intern   JUIN 2024 - AUGEST 2024

International IT Services | Casablanca, Morocco

- Development of an AI-based Chatbot using RAG architecture with Langchain, FlowiseIA, and ChatGPT.
- Extraction of Arabic texts from parliamentary PDF documents using Claude model.
- Establishment of a knowledge database in addition to the Configuration, development, and testing of the chatbot.

AI Research Assistant   JANUARY 2024 - MAY 2024

Al Akhawayn University | Ifrane, Morocco

- Participation in the designand implementation of a comprehensive study to streamline speech disfluency detection.
- Developed unit tests for an acoustic model ensuring reliable disfluency detection.

Peer Tutor at the Center of LearningExcellence   FEBRUARY 2022 - DECEMBER 2

Al Akhawayn University | Ifrane, Morocco

- Provided one-on-one tutoring to over 50 students in programming (C, Java, Python), Physics, and Math.
- Organized group tutoring sessions and developed custom weekly assessments with a professor.