HIBA NAHDI

Computer Science Engineer

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As a recent engineering graduate, I am enthusiastic about launching my professional career and utilizing my skills to create efficient and effective software solutions.

PROFESSIONAL EXPERIENCES

Mitacs Research Intern - Graduation Project

Analysis of the Social Acceptability of Natural Resource Projects

📅 March 2024 – August 2024 📍 University of Quebec in Abitibi-Témiscamingue (UQAT)

- Perform comprehensive web scraping and data mining of articles from the university library, then clean and prepare the data to ensure it is ready for modeling.
- Build a model to extract key information, such as success factors and constraints, using named entity recognition (NER).
- Apply sentiment analysis to evaluate the project's tone, favorability, and acceptance based on the extracted data.
- Integrate an API to test and validate the model's functionality and performance in real-time.

Keywords: Python, NLP, Transformers, NER, Sentiment Analysis, FastAPI

Software Engineer Intern - Summer Internship Project

Development of an online platform for learning and job hunting

📅 Jul 2023 – Aug 2023 📍 Welyne

- Create a platform that provides a diverse range of high-quality courses and jobs offers.
- Integrate a recommendation system to suggest job opportunities based on user's acquired skills and certifications.

Keywords: HTML, CSS, Angular, Spring Boot, Java, AI, TensorFlow

PROJECTS

IoT System for Access Control and Security

📅 Apr 2023 - Jun 2023

- Develop an IoT system using RFID technology for access control, where the ESP8266 module reads RFID tags and communicates with a web server to verify access.
- Develop a React web interface for user authentication and client management.

Keywords: ESP8266, RFID, React, Slim PHP

Intelligent Conversational Agent Development

📅 sep 2023 – oct 2023

- Design and develop a chatbot capable of understanding and responding to user queries.
- Use sentiment analysis to evaluate the chatbot's responses, analyzing tone, sentiment, and user satisfaction in real-time interactions.
- Integrate an API to test and validate the chatbot's performance and functionality, ensuring accurate and efficient responses.

Keywords: Python, NLP, Transformers, FastAPI

EDUCATION

Engineering Degree in Computer Science

National School for Computer Science

📅 Sept 2020 – Present 📍 Manouba,Tunisia

Preparatory Engineering Studies in physics and chemistry

Preparatory Institute for Engineering Studies of Tunis (IPEIT)

📅 Sept 2017-June 2020 📍 Tunis, Tunisia

Baccalaureate in experimental sciences

Ahmed Amine High School

📅 Sept 2013-June 2017 📍 Ben Arous, Tunisia

TECHNICAL SKILLS

Machine Learning NLP
LLMs Data Mining
Git Problem Solving
Algorithms and data structures
Gnu/Linux SQL
Knowledge in Cloud computing

C/C++ Python Java

COMMUNITY LIFE

-HR manager and general secretary :
Positive and Sociable Citizens Club

-General secretary :
NATEG ENSI Student Chapter

-Member :
ENSI Robotics Association

LANGUAGES

Arabic : Native
English : B2 level (DET)
French : C1 level (TCF)