EYA HARBAOUI

Final year engineering student in computer science, specializing in artificial intelligence, seeking opportunities in this field.

@ eya.harbaoui@ensi-uma.tn   📞 +21696386045   📍 Ariana, Tunisia   in Eya Harbaoui   ⚲ eya-harbaoui

PROFESSIONAL EXPERIENCE

Final Year Engineering Internship

Sofrecom

📅 Feb 05 - Present   📍 Tunisia, On Site

- **Description:** This project involves designing a monitoring and performance measurement system for DNS servers, including an Artificial intelligence module to detect DNS security attacks. Additionally, we are developing a real-time traffic visualization and analysis dashboard. This solution aims to proactively manage DNS server security and performance for Orange clients in the Middle East and Africa region.
- **Keywords:** DNS, RedHat, Machine Learning, Python, ReactJs, Flask.

Data Science Intern

Axefinance

📅 Jul 2023 - Sep 2023   📍 Tunisia, On Site

- **Description:** The "Borrower Behavior Forecasting" project aims to anticipate the behavior of bank borrowers using forecasting models based on time series analysis.
- **Keywords:** Python, Time Series Data, Deep Learning, Statsmodel, Large Language Model(LLM)

Artificial Intelligence Intern

Axefinance

📅 Nov 2022 - May 2023   📍 Tunisia, Hybrid

- **Description:** The group project "Web Scraping Automation" aims to automate the extraction of financial articles via natural language processing (NLP), including the creation of a web interface for visualizing the results.
- **Keywords:** NLP, Python, Large Language Model(LLM), MERN stack,FastAPI, CRISP-DM.

Web Development Intern

French Company Mosofty

📅 Jul 2022 - Aug 2022   📍 Remote

- **Description:** This group project involves developing a website for managing a law firm.
- **Keywords:** PERN stack: PostgreSQL, Express, React, Node.js.

PROJECTS

Machine Learning Project

📅 Nov 2023

- **Description:** The "Customer Churn Prediction" project focuses on creating a predictive model to detect customers at risk of churn using data analysis, data cleaning, and applying machine learning algorithms.
- **Keywords:** Machine Learning, Python, scikit-learn

Serious Game Development

📅 Feb 2022 - Apr 2022

- **Description:** The "Time To Travel" project was a group collaboration aimed at creating an educational game for children, promoting geographical and cultural knowledge as well as concentration.
- **Keywords:** Unity, 2D, C#

EDUCATION

Computer Science Engineering Degree: Artificial Intelligence

National School of Computer Science (ENSI)

📅 Sept 2021-Present   📍 Manouba, Tunisia

Preparatory Program in Mathematics and Physics

Preparatory Institute for Engineering Studies (IPEIEM)

📅 Sept 2019-Jul 2021   📍 Tunis, Tunisia

TECHNICAL SKILLS

- **Programming:** Python, C/C++, C#, JAVA
- **Data Science and Machine Learning:** BeautifulSoup, Selenium, Pandas, NumPy, Matplotlib, Scikit-Learn, TensorFlow, PyTorch.
- **Web Development:** MERN Stack, PERN Stack
- **Databases:** OracleDB, PostgreSQL, MySQL, MongoDB
- **Big Data:** Hadoop,Spark
- **Operating Systems:** Linux
- **Project Management:** Git/GitHub, Jira, Scrum, CRISP-DM

SOFT SKILLS

- Languages
  - Arabic: Native
  - French: Advanced
  - English: Intermediate
- Creativity
- Problem Solving
- Ability to Work Under Pressure

ASSOCIATIVE LIFE

CPC ENSI

Participation in ENSI Programming Challenge Competition

📅 Nov 2022   📍 Manouba, Tunisia

IEEE ENSI

Participation in the Annual IEEE Xtreme Hackathon

📅 Oct 2022   📍 Manouba, Tunisia

ENSI Robotics Association

Participation in the Organization of Robocup ENSI

📅 Oct 2021   📍 Manouba, Tunisia