

YAHYA NAJI

Achrafieh, Beirut, Lebanon

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EDUCATION:

- Lebanese American University, Beirut Lebanon Sep 2021 – Dec 2024
 - Bachelor in Computer Science
 - Minor in Business Data Analytics

WORK EXPERIENCE:

- **AI Engineer - 1001Epochs, Remote** Sep 2024 – Present
 - Design advanced machine learning models, develop knowledge-based chatbots using GraphRAG, and build scalable AI pipelines.
 - Integrate AI technologies into workflows, addressing complex business challenges and enhancing decision-making.
 - Lead the 1001 Epochs Research Program, fostering innovation through real-world projects, hands-on training, and mentorship.
 - Manage cross-disciplinary teams to design and deploy AI-driven systems tailored to client needs, ensuring scalable outcomes.
- **Junior AI Developer - Pedagogy** Aug 2024 – Dec 2024
 - Developed RAG (Retrieval-Augmented Generation) chatbots to enhance user interactions with AI-driven tools.
 - Optimized internal workflows by integrating AI-based solutions.
 - Conducted API testing and functional tests for features during development to ensure reliability.
 - Leveraged the GraphRAG approach to assist with content generation and automated knowledge extraction.
 - Created a knowledge-based education assistant that helps teachers tailor their teaching methods to individual student needs.
- **Data Analyst Machine Learning Internship - 1001Epochs, London, UK** May 2023 – Jan 2024
 - Used specialist tools to extract data needed to respond to data-related queries and worked with API calls.
 - Performed basic testing on machine learning workflows, ensuring data integrity and algorithm performance.
 - Set up processes and systems to make working with data more efficient by researching new ways to use data.
 - Produced reports and charts communicating trends within data to non-specialists.
 - Developed and fine-tuned models for image classification, object detection, and semantic segmentation tasks.
 - Built rule-based chatbots that followed predefined patterns and responses using ChatGPT and new libraries.
- **Sales and Marketing - Brio Bags, Tripoli, Lebanon** May 2022 – Oct 2022
 - Contributed to the development of marketing strategies.
 - Conducted market research on rival products.

- Designed and implemented marketing plans for company products.
- Created and presented sales performance reports.

KEY SKILLS & COMPETENCIES:

- Development: React Native, Node.js (Eurisko Academy)
- Programming Languages: Python, R, Java, PHP, JavaScript.
- Data Science Tools: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Power BI, Tableau, R, MySQL.
- Machine Learning AI: Experience in predictive modeling, data analysis, and deploying machine learning models. Proficient in deep learning frameworks such as TensorFlow and PyTorch. Expertise in creating and integrating AI-powered chatbots using tools like ChatGPT and LangChain.
- Data Processing: Skilled in handling large-scale datasets, ensuring data accuracy and integrity, and streamlining data analysis workflows.
- Communication: Strong written and verbal communication skills for presenting actionable insights and technical findings effectively.
- Analytical Skills: Proficient in problem-solving and generating innovative solutions based on complex datasets.
- Business Skills: Analytical thinking, time management, teamwork, and high motivation.
- Embedded Systems: Programming microcontrollers.
- Languages: Fluent in English and Arabic.

HOBBIES & INTERESTS:

- Swimming
- Boxing
- Football