

Assil Olleik

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- Beirut, Lebanon

Technical Skills

- Python, Java, C++, Bash, C#, Javascript
- Windows, Linux
- Data Science (Python Libraries)
- Deep Learning
- Natural Language Processing
- Web Development
- Mobile Development
- Version Control(GIT)
- Software Development

Soft Skills

- Clearly express technical concepts to both technical and non-technical audiences.
- Break down complex problems into manageable parts for effective problem-solving.
- Work effectively in cross-functional teams and contribute to a positive team environment.
- Think creatively to find novel solutions to challenges.

Languages

- Arabic (Native proficiency)
- English (Bilingual proficiency)
- Turkish (Limited working proficiency)

Interests

- Reading
- Traveling

Summary

As a dedicated Artificial Intelligence (AI) enthusiast, I'm eager to leverage my technical expertise in pushing the boundaries of machine learning and AI algorithms. My academic background has equipped me with a solid understanding of computer science fundamentals, programming languages, and I'm keen on further expanding my skills to innovate in AI development.

Experience

Research Assistant - 02/2024 – 06/2024

- Assist my professor in a research project that involves comparing augmentation techniques for natural language processing (NLP), contributing to literature review, data analysis, experimentation, and building models.

Data Science Intern - 02/2024 – 04/2024

Glow, Lebanon, Remote

Machine Learning Intern - 01/2024 – 02/2024

Code Alpha, Remote

- Develop ML algorithms for tasks like handwritten character recognition, emotion recognition from speech, and disease prediction using Python.

Web Developer Intern - 08/2022 - 10/2022

Makhzoumi Foundation, Beirut

- Developed a software plan with the needed documentation and terms of reference.
- Built a web application in React js for frontend and Laravel/php for backend.
- Used git to establish an effective teamwork.
- Collaborated with senior leaders.

Education

- Master's Degree in Artificial Intelligence 09/2024 - Present

Saint Joseph University of Beirut USJ, Beirut

- Bachelor of Science: **Computer Science** – 03/2024

Phoenicia University, Sarafand

- Lebanese Baccalaureate : **Life Science** – 07/2019

Bilal Fahs High School, Toul

Projects

Patient Referral System (Urgent Link): *Implement an NLP-based patient referral system for Emergency Departments, leveraging BERT architecture to recommend medical specialties based on patient symptom descriptions, enhancing medical care allocation and efficiency.*

Plagiarism Detection Web App: *Implement a Python-based web application utilizing Transformer-based models to accurately detect plagiarism between texts, ensuring academic integrity and originality.*

Book Recommendation System: *Build an AI-powered book recommendation system that analyzes users' reading preferences and behavior to suggest personalized book recommendations.*

Ecommerce AI-Powered Web App: *Leveraging Collaborative Filtering, a React.js and MongoDB-based ecommerce application tailored for a local business in Lebanon, utilizes AI algorithms to recommend skincare products.*

Mood Based Music Player (Moodi): *A music player that relies on emotion recognition to recommend music using CNN.*

Machine Learning Model for Ranking Football Players: *Develop a machine learning algorithm to rank football players according to different parameters using python.*

Web Application for Interns and Volunteers (Step Forward): *Build a web app that helps the interns manage their tasks and enjoy their experience.*

Live Streaming Meeting application (AHM): *Develop a web application that mimics the features of google meet using React js and python, integrating AI for sentiment analysis.*

Certifications

Artificial Intelligence Bootcamp ZAKA AI

Getting Started with Python for Data Scientists ZAKA AI

Introduction to Deep Learning and Neural Networks with Keras IBM SKILLS NETWORK

Machine Learning with Python IBM SKILLS NETWORK

Data Analysis with Python IBM SKILLS NETWORK

Introduction to Computer Vision and Image Processing IBM SKILLS NETWORK