LUIDOVICK ZGHEIB

Luidoviczgheib22@gmail.com   +96171744406   Byblos, Lebanon   Professional links

PROFESSIONAL EXPERIENCE

Sequel – Dbayeh, Lebanon   June 2025 – August 2025
Murex Integration Analyst
- Gained in-depth understanding of market and historical data management within the MX.3 environment.
- Explored the architecture and core components of the MX.3 platform, focusing on data flow and system integration.
- Analyzed the end-to-end lifecycle of market data, from acquisition through external providers to client-side visualization.

CME Offshore – Beirut, Lebanon   June 2024 – July 2024
Artificial Intelligence and Backend Engineer Intern
- Developed machine learning models for classification tasks, achieving high accuracy and performance.
- Implemented name entity recognition and summarization techniques using deep learning frameworks.
- Engineered robust and scalable APIs using Django, enabling seamless integration across front-end system.
- Utilized MongoDB to design and manage databases, ensuring efficient data storage and retrieval.

EDUCATION

Lebanese American University (LAU) – Byblos, Lebanon   Sep. 2020 – May 2025
Bachelor of Engineering in Computer engineering (ABET Accredited) with a Minor in Business
Graduated with Honors.

Collège des Sœurs du Rosaire Jbeil – General Sciences Baccalaureate   Oct. 2005 – Sep. 2020
(Top 5% in the last three academic years)

PROJECTS

IDMS – Intelligent Document Management System   June 2024 – July 2024
- Engineered an NLP-driven system to classify legal documents using the Random Forest algorithm.
- Utilized BERT for name entity recognition to identify key entities within legal documents.
- Applied BART for document summarization, enabling concise and relevant content extraction.
- Built a secure backend using Django and MongoDB for data management, with Firebase for authentication.

ChefLink – Web Application   Jan. 2024 – May 2024
- Designed and structured the MongoDB database to efficiently handle user data.
- Developed the backend using Springboot, focusing on API design and implementation.
- Verified API functionality and database interactions with Postman, ensuring data integrity.

REwAI – Revolutionizing Education with Artificial Intelligence   Jan. 2025 – May 2025
- Developed a modular AI lecturer system for real-time hand-raise detection using MediaPipe and YOLOv8.
- Built a FastAPI event-driven backend to manage a dynamic global hand-raise queue.
- Designed LLM-driven logic for prioritizing and handling student questions during live lectures.

Social Activities

Volunteer – Model United Nations (MUN) delegate – LAU Byblos, Lebanon   Oct. 2018 – May 2019
Member – AI Club   Sep. 2020 – Sep. 2021
Member – IEEE Student Branch – LAU Byblos, Lebanon   Sep. 2021 – Present
Member – Google Developer Student Club   Sep. 2021 – Sep. 2024

Additional Information

Languages: English (C1), French (B1), and Arabic (C1).   **Interests:** Football, Boxing, Movies.
Programming skills: JAVA (Data Structures, Springboot), Python, MongoDB, MySQL, GIT.