

RAHAF RAMMAL

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OBJECTIVE

A motivated Computer Science graduate with hands-on experience in software development, machine learning, and IT support. Adept at both front-end and back-end development with a strong foundation in programming languages and tools. Seeking to leverage my technical skills and academic knowledge in a challenging role that offers opportunities for continuous learning and professional growth.

EDUCATION

American University of Beirut (AUB), Beirut, Lebanon
Bachelor's degree in Computer Science

Aug '21-Jun'24

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, SQL, JavaScript.

Tools: GitHub Actions, Vs Code, MySQL Workbench

Technologies: ReactJS, Node.js, Express.js

Methodologies: Agile Methodology

EXPERIENCE

Intern Machine Learning at FOO, Beirut, Lebanon

Jun'24-Aug'24

- Conducted research on MRZ extractors, exploring open-source tools and commercial products.
- Benchmarked and evaluated tool performance, providing detailed reports on accuracy.
- Negotiated with vendors to secure competitive pricing for MRZ extractors.
- Cleaned and categorized data sets to optimize machine learning models.

Intern at Zero&One, Beirut, Lebanon

Jun'23-Aug'23

- Completed AWS Practitioner certification course.
- Worked on an HR software project for the company, leading the front-end development using React.js.
- Worked with Docker and MySQL and developed APIs to enhance deployment processes.

IT helper at American University of Beirut, Beirut, Lebanon

Feb'22

- Formatted laptops and provided general IT support.
- Managed and tracked university desktops and peripherals.

PROJECTS

Final Year Project (Python & OpenCV) | Feb 2024 - Jun 2024

- Developed a facial recognition system using Python and OpenCV for university gate security, eliminating the need for ID scans.
- Gathered and managed facial datasets, trained the model, and ensured accurate recognition.
- Created a user interface using React.js for new user registration, allowing account creation and photo uploads.

Google Drive Clone March 2024 - April 2024

- Implemented advanced features such as file filtering and search capabilities, enhancing user experience and interface functionality using React.js.
- Contributed to feature development and UI optimizations, enabling efficient data management and user interactions similar to Google Drive, focusing on responsive design and interactive elements.

Java Backend Project (Spring Boot) | Mar 2024 - Apr 2024

- Developed a RESTful API client and server for a Product API using Spring Boot, facilitating full CRUD operations with Rest Template.
- Integrated Redis caching to enhance performance, caching results of expensive operations and updating the cache on product creation, update, or deletion.
- Configured Log4j2 for JSON-based logging and explored asynchronous processing with Async and Completable Future to optimize application performance.

HR Software (Front-End React.js) Designed and implemented the front-end for HR management software.

Aug'23

Cleaning Data Project (MySql) Managed data cleaning and preparation tasks for large datasets using MySQL.

Aug'24

Excel project Executed data analysis tasks and visualizations using advanced Excel techniques.

Sept'24

EXTRACURRICULAR ACTIVITIES

Computer Science Student Society, Beirut, Lebanon
Member at Large and Treasurer

Aug'-22-Jun'24

Languages

Fluent in Arabic, French, and English (Speaking, Reading, and Writing).