Layal Saadeddine

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LinkedIn | GitHub

OVERVIEW

An ambitious Full Stack Data seeking to launch my journey in an innovative data-driven environment. Dedicated to continuous learning and collaboration, aiming to leverage my skills to contribute effectively to innovative projects in a dynamic team environment.

WORK EXPERIENCE

Data Entry - Lycee National Schools - Bakaata Chouf   **May 23 – Jan 24**
- Worked with a team on managing and organizing records and files, checking accuracy, and maintaining confidentiality.

Math and Sciences Teacher - Batloun Chouf   **Mar 16 – Jun 24**
- Instructed elementary students and delivered private sessions in Mathematics, Physics, Chemistry, and Biology.

EDUCATION

Master 2 of Science in Data Science for Risk Analysis - Lebanese University   **Sep 24 - Jul 25**

Master 1 of Science in Computer Science - Lebanese University   **Sep 23 – Jun 24**

Bachelor of Science in Computer Science - Lebanese University   **Sep 20 – Aug 23**

PROJECTS

CreditGuard [Github]   **Sep 24**
- Applied ETL processing and designed a data warehouse to store credit card and bank data to analyze fraudulent activities based on time series and networks, with the aid of an ML model to predict such activities, and built a dashboard through Power BI to visualize the analysis.

Library Management Mobile Application [Github]   **Dec 23**
- Developed a mobile application in Java language using Android Studio and SQLITE Database, the system used different design patterns and generics to implement features like registration of clients who can borrow books, check their history of borrowing, and pay their fees, as well as books management by admin user.

Veterinary Management Web Application [Github]   **May 23**
- Designed a desktop application using Java and integrating JavaFX for veterinarians to manage the health history of dogs and cats including vaccines and other treatments, as well as booking appointments for clinical operations.

CERTIFICATIONS

Full Stack Data - SE Factory - Beirut   **Jul 24 – Sep 24**
Completed an intensive full-stack data program covering programming languages (Python), data visualization tool (PowerBI), Databases, SQL, Data modeling, Data warehouses, ETL processes, and data integration. In addition to 4 additional weeks of final project implementation.

AWS Cloud Practitioner - AWS [Online Badge]   **Jul 24**
Relevant sections: Cloud concepts, Security and compliance, Cloud technology and services, Billing, pricing, and support.

SKILLS

Programming (and Scripting) Languages: C, Java, Python, SQL, DAX programming and M query.
Database Management Systems: MySQL, and SQLite
Frameworks and Libraries: Scikit-learn, Pandas, Seaborn, NetworkX.
Tools and Cloud Services: GitHub, Postman, Jupyter, AWS, and Microsoft Power BI.
Theory: Database Theory, OOP, Query Optimization, Data Mining and Warehousing, ETL Processing, Time series and Network analysis, ML algorithms.
Languages: Arabic (Native), English (Fluent)