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Beirut, Lebanon

## EDUCATION

**Lebanese American University, Beirut, Lebanon**

**Spring 2025**

BSc in Bioinformatics

**European Lebanese School, Lebanon**

**2021**

Lebanese Baccalaureate in Life Sciences

## EXPERIENCE

**Administrative and IT Coordinator at The Unicorn S.A.L**

**June – September 2025**

- Managed hardware/software setup, user support, system monitoring, and backups.
- Handled ERP data integration, reporting, and workflow optimization across departments.
- Developed automated dashboards and reports (KPI, financial, operational) with real-time alerts for critical business metrics.
- Deployed and configured the Metabase BI tool with a PostgreSQL application database, including security implementation.

**Full-stack Intern at Integrated Digital Systems, Beirut, Lebanon**

**July - September 2023**

- Built frontend webpages using HTML/HTML5 and CSS.
- Worked on interactive webpages using JavaScript, AJAX and JQuery.

## PROJECTS

**Lebanese American University, Beirut, Lebanon**

**January 2022 - May 2025**

*Crypto Market Dashboard – Power BI + API*

*2025*

- Designed and developed an interactive crypto market dashboard in Power BI that visualizes real-time financial data from the CoinGecko API.
- Automated data ingestion using Power Query and configured scheduled refreshes to ensure up-to-date metrics on price, market cap, volume, and 24h change for top cryptocurrencies.

*Final Year Project*

*2024-2025*

- Collected high-resolution protein structural data from public databases (PDB) and curated mutation data from scientific literature.
- Cleaned and formatted datasets using Bash scripting to automate removal of redundant entries, fix formatting issues, and standardize data for analysis.
- Created interactive graphs and tables to showcase structural and energetic changes using Power BI.

*Web Development Project*

*2023*

- Developed two full-stack websites, a personal portfolio and a game development company site, using PHP, JavaScript, HTML, and CSS.
- Ensured data security by implementing encryption methods to protect sensitive user information.
- Utilized PHP for server-side data handling and database interactions to store and retrieve user and project data.

*Data Mining Project*

*2023*

- Performed dataset selection, data exploration, preprocessing, feature engineering, and model development.
- Utilized Machine Learning techniques such as tree-based methods, SVMs, PCA and clustering in R.
- Maintained clear R scripts, emphasizing problem-solving and data interpretation skills.

*Database Project*

*2023*

- Designed and implemented a fully functional pharmaceutical database using NetBeans, PHP and Wamp and MySQL and java for data collection, analysis, and decision-making.
- Fabricated a user-friendly and intuitive interface for easy data entry and retrieval, enhancing user experience
- Implemented a robust relational database schema to ensure accurate and structured storage of data.

## SKILLS

**Technical skills:** Python, Java, JavaScript, R, PHP, SQL, CSS, HTML, Figma, SPSS, Microsoft office, Shell scripting, Bash scripting, Matplotlib, React, MongoDB, MySQL, PowerBI, ERP Systems, PostgreSQL, Docker, n8n, JIRA

**Operating systems:** Windows, Linux

**Soft skills:** Teamwork, problem-solving, time-management, creative thinking, strong work-ethic

**Languages:** Fluent in English, Native Arabic speaker