

Manal Amine

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SUMMARY

Final-year Computer Science student with a strong foundation in mathematics and programming, and a clear focus on data science and machine learning. Experienced in software development and passionate about applying analytical and quantitative methods to solve real-world challenges.

EDUCATION

Bachelor in Computer Science

Sep 2022 – Jun 2026 (Expected)

Holy Spirit University of Kaslik(USEK),Lebanon

- Relevant coursework: Data Structures and Algorithms, Linear Algebra, Statistics, Machine Learning, Database Systems,Programming Languages (Python, Java, C++)

École des Religieuses de Nazareth, Lebanon

Sep 2008 - jun 2022

French-speaking school (primary and secondary education)

WORK EXPERIENCE

• Full-Stack Engineer Intern, Ositcom, Jounieh

jun-jul 2025

Contributed to the development of a jewelry e-commerce website for the company, building responsive interfaces with React and Vue.js, and implementing database integration and REST APIs using Django (Python) to manage user and item data efficiently. Also developed interactive UI features, including an animated company logo using JavaScript and Tailwind CSS.

• Software Development Intern, OMT (Online Money Transfer),Tayyouneh

sep-oct2025

Collaborated with the software development team to design and implement Proxy and Business Services within Oracle Service Bus (OSB). Assisted in developing and configuring Pipelines to manage request and response message flows, applying message transformation, routing, and REST API integration for service interoperability.

PROJECTS

• Laptop Specs Analysis(Machine Learning Model)

Executed a dual-model analysis on laptop specifications, using regression to forecast prices and classification to recommend user types. Built a complete data pipeline including preprocessing, label encoding, and feature engineering, and deployed the solution as an interactive Streamlit web app. Achieved 90% classification accuracy and 86% R^2 score for regression on a dataset of 1,100 laptops.

• Lughzai(Riddle Web App)

Developed an AI-powered quiz platform using React, Python, and SQL. Integrated the OpenAI API to generate category-based questions dynamically, and implemented leaderboards with real-time scoring and performance analytics.

• Fitness and Health tracker

Developed a comprehensive fitness and health tracker application to monitor workouts, sleep, and nutrition. Built the user interface with JavaFX and designed a SQL database to store structured user data securely, including hashed passwords.

SKILLS

- **Technical Skills:** Programming: Python (NumPy, Pandas, Scikit-learn), R, SQL
- **Tools:** Jupyter Notebook, Google Colab, GitHub
- **Data Science:** Machine Learning, Statistics, Data Visualization
- **Databases:** MySQL, PostgreSQL
- **Languages:** English, French, Arabic