# Roudy Aad

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## Education

**Lebanese University,** Lebanon                                          **Oct 2021 / June 2025**

    Bachelor of Data Science

    Bachelor of Mathematics

## Experience

**ED Data Hub, France (Remote)**

**Data Scientist Intern**                                          **Dec 2023 / March 2024**

- **Programming & Tools:** Applied Python programming skills, including object-oriented programming (OOP) and data structures, utilizing libraries such as NumPy and Pandas for efficient data manipulation and analysis.
- **Data Pre-processing:** Executed data cleaning and transformation techniques to prepare raw data for analysis, ensuring accuracy and completeness.
- **Exploratory Data Analysis (EDA):** Conducted EDA to uncover patterns, trends, and insights from datasets. Employed statistical methods and visualizations to interpret data effectively.
- **Data Visualization:** Created compelling visualizations using tools and libraries to present data insights clearly and support decision-making processes.
- **Machine Learning:** Implemented machine learning algorithms using Python libraries like scikit-learn. Developed and evaluated predictive models to derive actionable insights from data.

**Swiss Butter**

**Restaurant Manager**                                          **Aug 2021 / Nov 2023**

- **Operational Management:** Oversaw daily operations in both kitchen and service areas, ensuring smooth coordination and efficiency.
- **Staff Supervision:** Managed up to 30 employees, maintaining service standards, providing leadership, and conducting training to enhance performance.
- **Customer Service:** Resolved customer inquiries and complaints to boost satisfaction and loyalty.
- **Quality Control:** Enforced health, safety, and quality standards for food preparation and presentation.
- **Reporting to Top Management:** Compiled reports on performance, financial metrics, and staff productivity; analyzed KPIs for strategic insights; communicated updates on critical issues and goals.
- **Maintenance:** Coordinated with vendors for maintenance tasks, implemented preventive maintenance to minimize downtime and extend equipment lifespan.

## Certificates and Projects

- **Loan Acceptance Prediction Model:** Developed a predictive model using Python to assess loan acceptance based on real-life data. Implemented various machine learning algorithms to enhance prediction accuracy and validate results.
- **Book Library Management System**: Created a book library management system in Python, enabling efficient tracking and management of library resources. Designed functionalities for adding, updating, and retrieving book information.
- **Exploratory Data Analysis and Visualization of Stock Market Data**: Conducted comprehensive exploratory data analysis (EDA) on stock market datasets to identify trends and patterns. Utilized advanced data visualization techniques to present findings and insights effectively.
- **LEAP leadership program** – OSC Safety Consulting and Training
- **Food Safety** – CrossKnowledge

**Languages:** English (Fluent) ,Arabic (Fluent) , French(Fluent)

**Computer Skills:** Java | Python| R | JavaScript | SQL | HTML | CSS