

ZAHRAA AL-ITAWI

+961 81 600 739 | zahraaitawi25@gmail.com | Beirut, Lebanon

Profile

Final-year Computing for Data Science student with a strong foundation in Python programming, machine learning, and data analysis. Experienced in working with real-world datasets, building predictive models, and visualizing insights. Enthusiastic about leveraging data to inform decision-making and solve practical problems. Seeking an internship opportunity in data science, AI, or analytics to contribute to impactful projects and deepen real-world experience.

Education

Bachelor of Science in Computing for Data Science

University of Sciences and Arts in Lebanon (USAL), Beirut, Lebanon | Jan 2022 – Present

- Focus: Machine Learning, Data Analysis, Databases, and Programming
- Anticipated Graduation: Late 2025

Projects

Motor Vehicle Collision Analysis

- Analyzed traffic accident data to explore factors influencing injury severity
- Built regression models using **Huber Regressor** and **Linear Regression**
- Utilized **Seaborn** and **Matplotlib** for data visualization and insights presentation
- Applied **data preprocessing** and **feature selection** to improve model accuracy

Technical Skills

- **Programming:** Python (NumPy, Pandas, Matplotlib, Seaborn), SQL
- **Data Analysis & ML:** Data Cleaning, Feature Engineering, Predictive Modeling
- **Tools & Technologies:** Jupyter, Git/GitHub, Google Colab
- **Web & App Development:** Basic experience in Web and Mobile Development
- **Soft Skills:** Problem Solving, Time Management, Teamwork, Communication

Workshops & Conferences

- **Build with AI** – Google Developer Groups (GDG), AUB
- **Women in Data Science (WiDS)** – AUB
- **Open Day for Artificial Intelligence (ODAI)** – Université Antonine
- **Women in Tech** – American University of Beirut
- **Street Smart AI** – Develeb, Beirut Digital District
- **DevConnect 2025** – University of Balamand

Extracurricular Activities

Binary Brains Society – USAL

Tech Club Member & Event Organizer

- Organized and led technical workshops on **Python**, **SQL**, **AI/ML**, and **Web Development**
- Conducted **introductory data science sessions** for first-year students
- Delivered a hands-on **advanced database workshop**
- Coordinated tech meetups to foster collaboration within the student tech community

Languages

- **Arabic:** Native
- **English:** Professional Proficiency