

# Lynn Hammoud

hammoudlynn@gmail.com | +961 70114672 | Beirut, Lebanon | LinkedIn profile: [Lynn Hammoud](#)

## EDUCATION

**American University of Beirut (AUB)** | Beirut, Lebanon **Aug. 2018 – Sep. 2022**

Bachelor of Engineering in Computer Science and Engineering

*Focus areas: Data Science, Machine Learning, Data Analytics*

**Lycée Abdel Kader** | Beirut, Lebanon **Aug. 2018**

French Baccalaureate - Scientific Track with a concentration in Mathematics

*Graduated with high distinction, congratulations of the jury and top student of the class of 2018*

*Raffi Hariri Excellence Scholarship 2017-2018*

## WORK EXPERIENCE

**Middle East Airlines** | Beirut, Lebanon.

**Software Intern** **Jul. 2022 – Oct. 2022**

- Developed a system in Microsoft Access and Power BI as part of the equipment's maintenance project that aided the company in making financially smart decisions
- Created databases to record and keep track of the inventory and the maintenance instances and costs
- Established a user-friendly interface in Access
- Generated meaningful reports and data summaries in Power BI

## PROJECTS

**Final Year Project at AUB** **Sep. 2021 – May 2022**

- Designed and developed a Carpooling Mobile Application for Lebanon with optimized matching, following an Agile process and using Python Flask and React Native frameworks

**Machine Learning (ML) and Data Science Projects** **Sep. 2021 – Dec. 2021**

- Developed an ML-based algorithm that classifies the critical condition of ambulance users, aiding the Red Cross respondents via a smartwatch (Python)
- Investigated the effects of different factors on the success of video games (Python, R)

**Software Architecture Design Project** **Sep. 2020 – Dec. 2020**

- Developed a self-driving taxi fleet system design

**Cryptography Project** **Sep. 2020 – Dec. 2020**

- Developed a polynomial arithmetic operations program used for RSA encryption and decryption

## SKILLS

**Software skills:**

- Python, Java, Flask, React Native, React.js, SQL, MS Access, MS Power BI, HTML, JavaScript, R, SCALA, C++, Qt, Matlab
- Data wrangling and EDA, Service Oriented Architecture (SOA), Design Patterns, OOP

**Language:** Fluent in English, Arabic French and Beginner in Spanish (written and spoken)

## EXTRA CURRICULAR ACTIVITIES

- Participated in Murex/WIE Web Development Workshop **2021**
- Participated in Berytech Cleanergy Incubator and worked on Benzinati **2020**
- Participated in Robotics for good Riyadh and Touch summer program **2018**
- Participated in Women got IT **2017**
- Volunteered to raise donations to support under privileged families and organized iftars **2014 – 2019**