

Farah Al-Nassar

Phone Number: +961-81-796460 | E-mail Address: farahalnassar7@gmail.com

LinkedIn Account URL: <https://www.linkedin.com/in/farah-al-nassar/>

Education

Lebanese American University - School of Engineering

August 2021- Expected August 2025

- B.E. in Computer Engineering; ULYP Scholar

Employment

Telecommunications Intern – OGERO LB

Jul 2024 – Sep 2024

- Gained knowledge of exchange designs related to civil works, primary and secondary cable layouts, cabinets, and MDF systems, with hands-on experience in civil works.

Data Science and Machine Learning Intern – All Girls Code

May 2024 – Aug 2024

- Worked on preparing content and small projects related to data science for girls interested in joining Techsplore Program.

Data Engineering Intern - Traveln.ai

May 2024 – Aug 2024

- Worked with the data engineering and artificial intelligence team on cleaning data related to Lebanon and UAE in the database (Skills: PostgreSQL and Microsoft Excel)
- Extracted points of interest recommended by an expert and from different touristic websites using web scraping (Skills: Selenium and Python)

Private Tutor

Feb 2020 - May 2023

- Taught physics and mathematics for students between grades 7 and 9.

Projects

Machine-Learning Based Lithium-Ion Battery Capacity Estimation

Mar 2024 – Apr 2024

- Utilized deep learning algorithms like FNN, CNN, and LSTM to estimate the capacity of Lithium-Ion batteries using multi-channel charging profiles.

Machine-Learning for Covid Prediction Website

Mar 2024 – Apr 2024

- Compared different machine learning algorithms like KNN, Random Forest, Decision Trees, Logistic Regression and SVM with respect to their accuracies and then used the one with the best performance to develop a website that predicts whether a person has COVID or not using the data provided to the model.

Tour Management System

Nov 2023 – Dec 2023

- Developed a full stack website that enables users to book complete flight packages, including flights and hotels. - Provides administrative functionalities for request management, allowing administrators to accept or deny user requests.

Astro-Base

Sep 2023 – Dec 2023

- Developed a full stack website that provides information about astronomical entities such as stars, galaxies, planets, and more.
 - Offers a centralized platform to access articles and images related to these entities, along with a search engine and multiple pages to access the platform's specialties.

Skills

Languages: Fluent in English and Arabic, Intermediate in German

Soft Skills: Great Public Speaking, Presentation, Negotiation, Communication, Fast-Learning, and Public Relation Skills

Technical Skills:

- Experienced in Machine Learning Algorithms, Python, Python Libraries (Pandas, Matplotlib, Numpy, scikit-learn), Web Scraping using Selenium and postgresSQL
- Intermediate level in PSpice, Quartus, TinkerCad, Circuit Design, Soldering, MATLAB, Circuit-Building
- Competent in PHP, SQL, Java, and Data Structures
- Experienced in HTML, CSS, Unity Engine, C#, JavaScript, 68k Assembly

Memberships and Activities

Treasurer in IEEE Artificial Intelligence Club, **Active Member** in Google Developers Student Club & **Secretary** in IEEE Women in Engineering Club

Participant in Model Arab League by LAU, Innovation Camp by Injaz, Techsplore by All Girls Code, Change Program By ULYP, and Mentorship Program by KAYANI