

Omar El Ali

Beirut, Lebanon

Elali-omar@outlook.com | +961-03-393796 | linkedin.com/in/omar-el-ali/

Professional Summary

Innovative Computer and Communication Engineering graduate with a Master's degree, offering strong expertise in Software development, networking, and data science. Proficient in modern web and mobile technologies like React and React Native, with a proven ability to design and deliver scalable solutions. Adept at bridging theoretical knowledge with practical experience to solve technical challenges. Actively seeking to leverage technical skills in a dynamic engineering environment to drive impactful projects.

Technical Skills

- JavaScript, TypeScript, Java, Python, R
- HTML, CSS, Tailwind, Bootstrap, Material UI
- NumPy, Pandas, Exploratory Data Analysis (EDA), ggplot2
- Git, GitHub
- CI/CD, Testing
- State Management such as Redux & Redux Toolkit, Context API
- Network (CCNA1, CCNA2)
- Embedded Systems (Arduino)

Soft Skills

- Adaptability
 - Strong Communication
 - Project Management
 - Collaborative Teamwork
-

Work Experience

Front-End Developer

EURISKO, Adma, Lebanon | February 2024 – May 2024

A multi-national software development and consultancy firm based in UAE, Saudi Arabia, Lebanon, and the US.

1. Completed 14-week intensive training covering the fundamentals of **CI/CD, Agile, Testing**, and deep dive into front-end development.
2. Developed web applications using **React** with a mobile-first approach and frameworks like **Bootstrap** and **Tailwind CSS**.
3. Developed web applications using **React functional components**, with a strong understanding of hooks such as **useState, useEffect, useContext, useRef, useCallback, and useMemo**.
4. Integrated third-party libraries to build complete projects, such as **React Router** for clientside routing solutions and **Axios** for API fetching.
5. Applied code reusability techniques such as **higher-order components (HOC)** and **custom hooks** to share reusable logic across components.
6. Understood the prop drilling issue and resolved it by implementing **state management** solutions with **Redux**, and **Context API**.

7. Built responsive, cross-platform mobile applications using the **React Native CLI** framework.
 8. Familiarized with **gesture handlers** and **animations** to enhance user experience.
 9. Implemented advanced features such as **deep linking**, **local notifications**, **authentication**, **authorization**, and **refresh token** mechanisms.
-

Data Scientist

WOZ U & NUCLEUS VENTURES, Tripoli, Lebanon | April 2022 – August 2022

A technology training platform founded by Apple co-founder Steve Wozniak, offering intensive hands-on training in data science, software development, and more.

1. This boot camp consisted of 5 modules, each lasting one month. During the program, I learned **Probability, Statistics, Python, R, and Project Management**.
 2. Understanding probability and statistical concepts such as the **Normal Distribution, Statistical Inference, Uniform, Binomial, and F-distributions**.
 3. Learned **Python programming** concepts such as lists, loops, dictionaries, functions, and object-oriented programming (OOP), while exploring data science libraries like NumPy and Pandas.
 4. Learned **R programming** and utilized its features in the data science field, including statistical plots, data frames, t-tests, linear regression, and data exploration.
 5. Explored project management methodologies such as **Waterfall** and **Agile**, understanding their applications, with a particular focus on the **Agile** methodology and the **Scrum framework**.
-

Education

Master's Degree in Computer and Communication Engineering

Lebanese International University, Tripoli, Lebanon | October 2021 – January 2024

Bachelor's Degree in Computer and Communication Engineering

Lebanese International University, Tripoli, Lebanon | October 2018 – June 2021

Projects

- **News24 Web App**, Developed a responsive news platform using React, TypeScript, and Vite: (<https://github.com/elaliomar/Ass7Web>).
 - **Twitter Clone**, Built a Twitter replica with React Native, leveraging Redux Toolkit for state management: (<https://github.com/elaliomar/twitter-clone>).
 - **Location-Based Photo Gallery**, Created a mobile app using React Native for geolocation-based photo sharing: (<https://github.com/elaliomar/location-basedphoto>).
 - **Earthquake Tweets Analysis**, Conducted NLP-based sentiment analysis on earthquake-related tweets: (https://github.com/elaliomar/Earthquake_tweets_analysis).
-

Certifications

- **JavaScript Algorithms and Data Structures**, FreeCodeCamp
 - **Front-End Development**, Eurisko Mobility
 - **Data Science**, WOZ U
-