Mohamad Nour El Arab
Software Engineer.

muhammadalarab@gmail.com | +961-81 767 572 | github.com/mohd-nour | linkedin.com/in/mohamadnour

EDUCATION

American University of Beirut   Beirut, Lebanon
Bachelor of Engineering in Computer and Communications Engineering (CCE)   June 2022

> **Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, Mobile Networks and Applications, Computer Organization, Web Development, Databases
> **Activities:** Big Data Club, IEEE, AUB Robotics, Automotive Club
> **Dean's Honors List**

International College   Beirut, Lebanon
High School Diploma   June 2017

> Ranked first in High School with Science and Mathematics Honor Awards

EXPERIENCE

Dar Al-Handasah (Shair and Partners)   Beirut, Lebanon
Computer Engineering Internship   May 2021 – July 2021

> Developed a REST API for the IT Department using Python Flask and Neo4j to be used in HR for keeping employee records.
> Designed and deployed a fully-fledged Cisco network topology for two floors at Dar 2 for several teams and departments after completing CCNA training.
> Set up virtualization via VMWare ESXi and deployed an Active Directory using Windows Server 2016.

TECHNICAL SKILLS/PROJECTS

Computer Languages/Technologies
Python | JavaScript | HTML | CSS | Git | MongoDB | NodeJS | React | React Native | Flutter | PostgreSQL

PROJECTS

Sensei   A university utility application designed and developed through Agile using MERN and React Native. Sensei allows instructors to automate enrollment and attendance through a smart QR Attendance Management System, create interactive forums for their courses, create polls to gather data, and create grade sheets with analytics.

Surveyor   A surveying web application designed and developed using HTML5, CSS3, and Django. Surveyor allows instructors to create gamified interactive surveys to collect data and analytics from students.

Network Cell Analyzer   An Android application that shows real time network parameters for a mobile's connected network cell (from Node-B) and data querying for Operator connectivity, Network type time, and SNR.

RSA Encryption Web Tool   A web tool to decode and encode text with RSA Encryption. Built with HTML5, CSS3, and JavaScript ES6.

ADDITIONAL INFORMATION

> Proficient in Microsoft Office, Adobe XD, and Figma (UI Design)
> Fluent in English and Arabic
> **Hobbies:** Art, Design, Gaming, Karting, Soccer, UI & UX Design