

# Mohamad Nour El Arab

## Computer and Communications Engineer

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### EDUCATION

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#### AMERICAN UNIVERSITY OF BEIRUT

Beirut, Lebanon

*Bachelor of Engineering in CCE (Computer and Communications Engineering)*

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 System with Science and Mathematics Honor Awards

### EXPERIENCE

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#### DAR AL HANDASAH

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

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#### 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-taking through a smart QR Attendance Management System, create interactive forums for their courses, create polls to gather data, and create grade sheets with analytics.

##### Portfolio

A personal portfolio using HTML5, CSS3, and Vanilla JavaScript to demonstrate my expertise in Front-End Development. (<https://mohd-nour.github.io/personalwebsite/>)

##### 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.

### ADDITIONAL INFORMATION

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