

# ISLAM FARES

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Beirut Lebanon  
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## EDUCATION

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**Sept 2019-May 2023 Computer and Communications Engineering-Software Specialty**  
*American University of Beirut, Lebanon*

Courses taken: Introduction to programming (python), Computer Organization (C, RISK5 ISA), Computer Networks (JAVA socket programming, MYSQL), Digital Systems Design, Data Structures and Algorithms (C++), Design of Analysis & Algorithms, Object-Oriented & Effective Java Pro (JAVA), Web programming and design (HTML, CSS, JS, NodeJS, mongo dB), Software architecture

## EXPERIENCE

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### Dec 2021-Present

External machine learning intern at Bosch(remote), applied self-supervised learning to radar point clouds (Renaissance dataset), used contrastive learning and dynamic graph convolution in order to label unlabeled data

### Feb 2021-Aug 2021

Worked on several React websites as freelance projects

### 2020-2021

Taught introduction into programming classes to university students

## PROJECTS

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**Summer 2021** Developed real time chatting mobile apps using REACT Native Frontend of apps and basic authentication/firestore and routing using Firebase

**Summer 2021** Designed Object detection, Speech recognition, L.L. price prediction models using TensorFlow solving classification and regression problems using Data science to classify and clean data

**Spring 2021** Developed multipage interactive websites using REACT framework, utilizing several react libraries to create clean animations and routing them into multiple pages

**Fall 2020** Created a Java socket programming application Multithreaded server and client that stores files on a database (MYSQL) to be edited

**Fall 2019** Worked on C++ and Python Object Oriented programming scripts for interview questions

## TECHNICAL SKILLS

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### Programming Languages:

Python: Data Science using NumPy, Pandas, Scikitlearn, Matplotlib and other python libraries |

Machine learning using TensorFlow and Pytorch

C++: data structures and algorithms | object oriented programming

JAVA: threading | OOP | unit testing

SQL | mongo dB: database

JavaScript: React | React Native | Node

**Useful Tools:** Git Linux Scripting

## SOFT SKILLS

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Time management

Innovation

Fast Learner

Complex problem solving

Teamwork

Critical thinker

## LANGUAGES

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English fluent Arabic native