

HUSSEIN ELGHOUL

Full Stack Developer at Paragon Shift & Computer Science Student at AUB

✉ hae44@mail.aub.edu

☎ (+961) 76 024 494

🌐 husseinelghoul

🔗 husseinelghoul

PROFESSIONAL EXPERIENCE

Full Stack Developer

Paragon Shift

📅 July 2020 – Ongoing

📍 Sin ElFil, Lebanon

- Developing a web project using ASP .Net Core, Entity framework core, for the back-end and usual web development tools for the front end including D3js for data visualization.
- Using statistical tools to transform and interpret datasets and create visualizations that allow stakeholders to make sense of the data for business decisions.

Machine Learning Intern

Zaka

📅 June 2020 - September 2020

📍 Remote

Conducted research about computer vision tools and helped the lead engineer implement and improve the solution using these tools by conducting parameter tuning and performance testing.

PROJECTS

Pomato

Machine Learning & Software Development

Developing a cross-platform mobile that uses AI to detect plant diseases and recommend solutions. We built a dataset using web scraping and we are creating an ML model that uses a Siamese network to classify leaf images.

Health Insurance Cross Sell Prediction

Data Science

Performed exploratory data analysis to extract meaningful insights from a survey dataset. Besides training multiple ML models performing SHAP analysis to be able to make sense of the data and facilitate business planning.

Health Insurance Chat Bot

Software Development

Implemented a chat-bot for an insurance company. The bot answers questions, books appointment, retrieved information and uses give nearest hospitals and pharmacies information, Created using Microsoft Bot Framework.

Audience Response System

Software Development

Implemented the back-end using Firebase cloud functions and Cloud Firestore, and held the responsibility of the requirements and the quality assurance of the project.

EDUCATION

B.S. in Computer Science

American University of Beirut

📅 Sept 2018 – May 2021 (Expected Graduation Date)

MOST PROUD OF

🏆 President of the Computer Science Student Society at AUB

Form one event per year with minimal members to biweekly workshops, long-term projects, national events, with hundreds of members.

🏆 Beirut AI Hackaton

Took part along with a team of four students in a Hackathon organized by Beirut AI in partnership with Oracle and won the fourth position.

🛖 Lebanese Red Cross

Three years volunteer in the youth sector where I took multiple leading roles and did my best to contribute to the organization and community.

COMPUTER SKILLS

Python R SQL C C# C++
Javascript HTML CSS Ajax Node.js

.NET Core Entity FrameWork Core
D3js Firebase Bootstrap
keras Scikit-learn TensorFlow

INTERESTS & SKILLS

Machine Learning Computer Vision
Data Science Sales & Marketing

Leadership Teamwork Time Management
Flexibility/Adaptability Public Speaking

LANGUAGES

Arabic
English
French

