

NOUR KAOUK

DATA SCIENTIST

PROFILE

Passionate about Data Science, adept at teamwork, and eager for an opportunity to work with real data to drive informed decision-making.

CONTACT

Address: Beirut, Lebanon

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LANGUAGES

English, French, Arabic

SKILLS ACQUIRED

Programming Languages:

Python, R, C++, SQL, NoSQL, MATLAB

Theoretical Knowledge:

Graph theory, Social big data, Inferential statistics, Data visualization: Power BI

PUBLICATIONS

Article : "Detecting Patient Readiness for Colonoscopy through Bowel Image Analysis: A Machine Learning Approach" in ApplePies International Conference, September 2023, Genova.

Abstract : "Les caractéristiques des images de cuvette président la préparation colique avant la colonoscopie" published in JFHOD 2024.

EXPERIENCE

Machine Learning Intern | May 2023 – October 2023

Institutions: Saint Joseph University of Beirut; Gastroenterology service, Hotel Dieu de France; ENSTA Bretagne University, 29806 Brest, France.

Description: Collaborative internship with a medical team involving research and implementation of machine learning techniques to detect a patient preparation degree before colonoscopy through image analysis.

Emotion Detection Project | March 2023 – April 2023

Institution: Saint Joseph University of Beirut

Description: Building a model to detect a person's sentiments through the image of his face, based on the training of the facial expression recognition data and applying CNN to it.

Big Data Integration Project | May 2022 – June 2022

Institution: Saint Joseph University of Beirut

Description: Using big data in different types (json-excel-csv-xml) about the results of the Russian-Ukraine war, in addition to deploying data integration jobs using Talend Studio.

Data Analysis Project | Feb 2022 – March 2022

Institution: Saint Joseph University of Beirut

Description: After running logistic regression and multiple testing on the various variables in the bank account fraud data we have obtained 7 variables (out of 19) predicting one dependent.

EDUCATION

Master 2 in Data Science

September 2021- October 2023 | Saint Joseph University of Beirut, Mar Roukos Campus

Master 1 in Mathematics

September 2020- June 2021 | Lebanese University, Faculty of Sciences

Bachelor's degree in Mathematics

September 2017- June 2020 | Lebanese University, Faculty of Sciences