



KAMAR CHEHIMY

Biomedical | Machine
Learning Engineer

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Languages

- Arabic: Native
- English: Proficient
- French: Basic

Technical Skills

- Python
- C++
- SQL
- Power BI
- Data Analysis
- ML Models
- Web-Scraping
- Research

Interpersonal Skills

- Problem Solving
- Commitment
- Self Dependence
- Communication Skills

Reward

Oct 2021 | ICABME 2021

First Prize for the Best Paper Award in the Sixth International Conference on Advances in Biomedical Engineering

Education

- 2020 - 2021 **Master's degree in Biomedical Engineering | GPA: 3.6**
Rafik Hariri University, MECHREF, LEBANON
- 2016 - 2020 **Bachelor's degree in Biomedical Engineering | GPA: 3.5**
Rafik Hariri University, MECHREF, LEBANON

Work Experience

- 2021-2021 **Research Intern**
6 months **Neurokyma, RENNES, FRANCE**
- Differentiation between healthy & Alzheimer brain networks via graph comparison algorithms in graph theory
 - Publishing a conference paper: Comparing Healthy Subjects and Alzheimer's Disease Patients using Brain Network Similarity: a Preliminary Study | link
 - Designing Graphical User Interface (GUI) using Python for network comparison, analysis and visualization
- 2017 - 2021 **Instructor's Assistant**
4 years **Rafik Hariri University, MECHREF, LEBANON**
- Processing and analyzing raw vertical ground reactions force (VGRF) signals using Matlab
 - Classifying fatigue levels using VGRF signals using ML
 - Assisting in electric circuit, electronics, logic design, embedded systems labs
 - Designing printed circuit boards (PCB) as an industrialized projects' prototypes

Programs

- 2022 - Now **Beirut AI Community Aid Program**
Beirut AI, BEIRUT, LEBANON
- Specialization in Data Science on DataCamp Platform
 - Specialization in Data Analyst on DataCamp Platform
 - Both Specializations required huge work from data manipulation, data analysis to machine learning using various python libraries like ScikitLearn, TensorFlow, NumPy, SciPy, Pandas, NLTK, Matplotlib, Keras, OpenCV, Spacy
- 2022-2022 **Certified Machine Learning Engineer**
4 months **Zaka.ai, METN, LEBANON**
- Analyzing datasets, building and training models, evaluating and improving their performance before deployment
 - Implementing ML for more than 10 hands on projects like Named Entity Extraction and Documents Search, Facial Emotion Detection, Text Classification, Smoking Status Classification, Mask Detection, Medical Charges Estimation