GINWA FAKIH

Computer and Communication Engineer

ghinwafkh99@gmail.com ✉

+96176847799 📱

Beirut, Lebanon 📍

Linkedin.com/in/ghenwa-fkh in

I am currently actively working on Machine Learning and Natural language processing tasks. I'm currently searching for an engineer position in the field of Data Science. I have a deep passion in Machine Learning and Semantic Web.

EDUCATION

M2 Data Science
Universite de Nantes

10/2020 – 07/2021

Computer and Communication Engineering
Lebanese University (LU)

09/2016 -09/2021   *GPA: 83.3/100*

PERSONAL PROJECTS

Episode Mining Project
- Extracting frequent episodes from dataset sequence.
- Applying PrefixSpan algorithm for mining sequential patterns.
- Discovering set of temporal rules and evaluating them using metric measures.

Ontology Learning Project
- Applying NLP methods on the Corpus for terms extraction.
- Applying Supervised and Non-Supervised techniques in the core concepts clustering task.
- Gold Standard Ontology Building.
- Evaluation regarding the Gold Ontology.

Data Camp Project
- Implementing a naïve solution for optimizing the agar game.
- Improving the naïve solution.

Database Management System for Archiving
- Creating ER diagram representing entities and relations.
- Implementation using SQL.

Purchasing and accounting system using C++

INTERNSHIPS

Master Internship
LS2N

02/2021-07/2021,   *Nantes*

Title: Ontology learning from text, core concepts and knowledge graphs

Achievements/Tasks
- Experimenting LDA and SeededLDA.
- Comparing the approaches and evaluating the experimental results with a Gold Standard using python scripts.

Skills

python | R Studio | C++ | C | Matlab
SQL | Genie Software | OpenCV | NLP
Tensorflow | Proteus

COURSES

Clustering Analysis and Indexing

Text and Sequential Pattern Mining

Classification and Representation Learning

Semantic Knowledge Representation

Probabilistic Graphical Models

Data Mining/ Operation Research

ACTIVITIES

Machine Learning for Business Professionals Course with coursera.

Attended Beirut AI workshops (Introduction to TensorFlow and Keras, Role of AI in covid-19).

PLC Courses

LANGUAGES

Arabic
Native or Bilingual Proficiency

English
Full Professional Proficiency