

ALI MOHAMMED BAKHIET

✉ alymohammedbakhit2020@gmail.com
📧 ali-mohammed-ab133a213

☎ 00201014939978
📞 aly202012/Basic-Projects-in-Keras-Functional-API

📍 7th District, 6th of October, Al Jizah, Egypt

RESEARCH INTERESTS

- Artificial neural network Applications, Machine Learning, Artificial Intelligence.

PUBLICATIONS

- Mohamed Hammada, Mohamed Bakrey, **Ali Bakhiet**, Ryszard Tadeusiewicz, Ahmed A.AbdEl-Latif, Paweł Pławiak : A novel end-to-end deep learning approach for cancer detection based on microscopic medical images, Biocybernetics and Biomedical Engineering Published by Elsevier, Volume 42, Issue 3, July–September 2022, Pages 737-748, Link
- Gheita T, M Elsaman A, **Bakhiet A**, Bakrey Mahmoud M, Ismail F, El Saadany H, R ElShereef R, F Mohamed E, I Abd Elazeem M, Eid A, Ali F, Hamdy M, El Mallah R, HA Mohammed R, Tharwat S, M Gamal R, Fawzy S, Senara S, M Fathi H, Aboul Fotouh A, Hammam N. Unsupervised Cluster Analysis of Clinical and Ultrasound Features Reveals Unique Gout Subtypes: Results from the Egyptian College of Rheumatology (ECR) [abstract]. Arthritis Rheumatol. 2022; 74 (suppl 9). Link
- Hammam N, Bakrey Mahmoud M, **Bakhiet A**, El Owaidey R, Abdel Nabi H, M Elsaman A, Khalifa I, M NourEl-Din A, R ElShereef R, Hassan E, Ismail F, I El-Gazzar I, Moshirif A, M Khalil N, A Amer M, M Fathy H, Abdel Salam N, Tharwat S, I Abd Elazeem M, M Fathi H, Gheita T. Identifying Distinct Phenotypes of Patients with Juvenile Systemic Lupus Erythematosus: Results from a Cluster Analysis by the Egyptian College of Rheumatology (ECR) Study Group [abstract]. Arthritis Rheumatol. 2022; 74 (suppl 9). Link

EXPERIENCE

Features Engineering Intern

1000 ML

📅 17 Jul 2022 - 26 Oct 2022

- I work as a trainee under the supervision of the great Dr.Hesham Asem, professor of data science and machine learning engineering, in the United Kingdom, in the field of feature engineering and machine learning.

CERTIFICATIONS



Deep Neural Networks with PyTorch

Provided by IBM and Coursera: Link



Deep Learning Essentials with Keras

Provided by IBM and Coursera: Link



Deep Learning with TensorFlow

Provided by IBM and Coursera: Link



Machine Learning with Python

Provided by IBM and Coursera: Link



Google Data Analytics Professional Certificate

Provided by Google and Coursera: Link

PROJECTS

Financial Deposit Analysis

GitHub

📅 10 Sep 2022

- Data analysis of the most common characteristics among persons registered for term deposits,Link

Monkeypox and Measles with PyTorch Transfer Learning

[GitHub](#)

📅 3 Sep 2022

- Transfer learning was used within the PyTorch library to classify monkeypox and measles, with test data accuracy reaching 75%,[Link](#)

Analysis Ischemic Stroke data

[GitHub](#)

📅 1 Sep 2022

- Analyzing the data of stroke patients in order to extract common characteristics among the sufferers,[Link](#)

Chronic kidney disease (CKD) classification with Deep Learning

[Kaggle](#)

📅 16 Apr 2022

- A neural network based on the Keras Functional API method for the classification of chronic kidney disease, [Link](#)

Ensemble Method for Water Quality Tracking

[GitHub](#)

📅 3 Apr 2022

- A good pipeline for tracking water quality using a set of machine learning algorithms,[Link](#)

EDUCATION

B.S. in Computer Science

Higher Institute of Computer Science and Information Systems, 6th of October City of Culture and Science

📅 Sept 2019 – Present

STRENGTHS

Oracle SQL

PostgreSQL

Data mining

Data cleaning

Features Engineering

Ensemble modelling

Data Structures

Python

Java

SAS

Assembly Standard

ML pipelines

Analytical skill

Excel

Data visualization

PowerBi

Pandas

Numpy

Seaborn

matplotlib

sk-learn

PyTorch

Keras

Keras Functional API

Tensorflow

OpenCV

Mathematics

Critical thinking

Statistics

Analytical mind

linear algebra

Hard-working (18/24)

Persuasive

Logic

Chess

Poetry

LANGUAGES

English

Arabic



REFERENCES

- **Nevin Hammam, MD, PhD**
Associate Medical Director, Central Research Service, ICONplc, USA
Assistant Professor at Rheumatology Department, Faculty of Medicine, Assiut University, Assiut, Egypt
E-mail: nevin.hammam@gmail.com