Akram Benmira

IT Student

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Boumerdes, Algeria

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LinkedIn

ResearchGate

Technical skills

Java ●●●●○

SQL ●●●○○
ddl, dml, tcl, tql, dcl

Python ●●●○○
numpy, pandas, scikit-learn, keras, spacy, nltk

UML ●●●○○
(use case, class, object, sequence, component, deployment) diagram

Soft skills

Self learning,
Sense of responsibility,
Critical mindset

Languages

Arabic ●●●●○

French ●●●○○

English ●●○○○

Interests

Sports

Profile

Enthusiastic about AI and emerging technologies, my dedication to ongoing learning is evident in my adeptness at swiftly tackling technical challenges. I am actively seeking hands-on opportunities to apply my knowledge and make substantial contributions to cutting-edge IT projects.

Publications

A Progressive Deep Transfer Learning for the Diagnosis of Alzheimer's Disease on Brain MRI Images
The 1st International Conference on Artificial Intelligence: Theories and Applications (ICAITA22)
Mar 2023

Education

Master in Information Technology
University of M'hamed Bougara Boumerdes
Sep 2022 – present | Boumerdes, Algeria
Favorite subjects : data mining, advanced design

Bachelor in Computer Systems
University of M'hamed Bougara Boumerdes
Sep 2019 – Jul 2022 | Boumerdes, Algeria
Favorite subjects : algorithms, oop, bdd, GL, AI
PFE : Application of deep learning to the diagnosis of medical images (Alzheimer case)

Scientific baccalaureate
Gouigah Mohammed High School
Sep 2016 – Jul 2019 | Boudouaou, Algeria

Academic knowledge

Machine Learning ●●○○○
classification, regression, clustering, association rules, ensemble learning, cross-validation, linear regression, logistic regression, KNN, naive bayes, decision tree, random forest, SVM, neural network, k-means, DBSCAN, apriori

Deep Learning ●●●○○
classification, object detection, transfer learning, fine tuning, CNN, YOLO, RNN, Bi-RNN, LSTM, GRU, auto encoder, GAN, SRGAN, ESRGAN

Data Preparation ●●○○○
cleaning, normalization, scaling, transformation, augmentation, handling imbalanced data, features selection, splitting

Natural Language Processing ●●○○○
tokenization, lemmatization, stemming, BOW, Bag Of N-Grams, TF-IDF, Word Embedding