Badri Ahmed
Junior Data Scientist

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EDUCATION

Computer Science Engineering Diploma
National School of Engineering of Carthage
09/2017 - Present

Preparatory school
Preparatory school for engineering studies el Manar
09/2015 - 06/2017

WORK EXPERIENCE

Data Scientist
End of study project at Travaris

04/2020 - Present,
Travaris is an AI-powered app built to help travelers all around the world get the best tailor-made travel experience.
Achievements/Tasks
- Design the AI engine architecture
- Perform geolocation data clustering
- Prototype and deploy an image classification unit on mobile and on a server
- Develop a One-Shot-Learning model for face identification
- Led a team of 5 to tackle the cold start problem on the POI Recommender engine

Keywords: Team Data Science Process (TDSP), MongoDB, Clustering, Classification, Recommendation System, Machine Learning, Deep Learning, Deployment

Part time Data Scientist
Autofy Solutions

06/2020 - Present
Autofy is a digital car showroom that eliminates all the hustle and complexity related to buying or selling a used car.
Achievements/Tasks
- Collect and Preprocess Cars related data
- Develop a car price estimator model
- Create a model to match users with best suited car

Keywords: Regression, Recommendation System, Machine Learning, Web Scraping

Data Science Intern
Vynd Solutions

06/2019 - 08/2019
Vynd is a community platform and participatory space for sharing opinions about local businesses in Tunisia.
Achievements/Tasks
- Create a dashboard for the data team
- Build a Sentiment Analysis for comments in application
- Develop a User Preference Generator Model

Keywords: PowerBI, Entity Recognition, Machine Learning, Web Scraping, Sentiment Analysis, NLP

LANGUAGES

Arabic: Native or Bilingual Proficiency

English: TOEIC certification with a score of 905

French: Full Professional Proficiency

TECHNICAL SKILLS

Data Science	Artificial Intelligence
Machine Learning	Deep Learning
Model Deployment	Web Scraping

SOFT SKILLS

Analytical Skills	Detail oriented
Problem Solving	Multitasking
Leadership	Team play

PERSONAL PROJECTS

Tunisian license plate recognition System:
Build a Convolutional Neural Network (CNN) alongside a Yolo Model for Tunisian car plate detection and recognition task
Keywords : Python, TF, Keras, OpenCv, YoloV3, Darknet

Multi-Turn Response Selection Task:
Performed on Tunisian Dialect as a component for a chatbot
Keywords: Python, TF, Keras, Word Embedding, LSTMs

Wheat Growth Stage Estimation:
Working on a small dataset image to predict the growth stage
Keywords: Python, TF, Keras, Transfer Learning

AI Open Sessions:
A series of Lectures, Videos and Tutorials to teach AI and ML

ACHEIVEMENTS

AI_HACK Tunisia: the biggest hackathon in MENA region by Google and Instadeep
- **Winner** of the 3rd ML Competition: NLP
- **Runner up** in Startup Pitching Competition

OpenGov Data Hack: 48h Hackathon for Open data hosted by Open Gov Partnership and the World Bank
- **Honorary prize** from the CNAM and the project will be supported by the **World Bank**
- **Runner up** in Startup Competition for a Mobility as a Service Project (MaaS)

Winner of Apps for Cyber Citizenship Hackathons**:** organized by **CONNECT** and **CTESG**

Open Geo Data Hack: 24h Hackathon for OpenGeo Data organized by AGEOS and IEEE Tunisia

CERTIFICATES

Deep Learning Specialization
Offered by Deeplearning.ai on Coursera

TensorFlow Developer Specialization
Offered by Deeplearning.ai on Coursera

ML with TensorFlow on Google Cloud Platform Specialization
Offered by Google Cloud on Coursera

Advanced ML with TF on Google Cloud Platform Specialization
Offered by Google Cloud on Coursera