Mohamed Rekik

MACHINE LEARNING PRACTITIONER

Get in touch!

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My Certifications

- Generative Adversarial Networks : **Coursera**
- Reinforcement Learning : **Pluralsight**
- Computer Vision : **Kaggle**
- Natural Language Processing : **Kaggle**
- Deep Learning : **Kaggle**
- Python : **Kaggle**
- Linux Unhatched : **Cisco Networking Academy**
- Image Processing in Python : **DataCamp**
- NLP with Classification and Vector Spaces : **Coursera**
- Python Data Structures : **Coursera**
- Programming for Everybody : **Coursera**

Languages

Arabic ★★★★
French ★★★

English ★★★
German ★

My Education History

National Engineering School of Sfax | 2018 - 2021
- Computer Science Engineering Student

Preparatory Institute for Engineering Studies of Sfax | 2016 - 2018
- Maths and Physics Preparatory student

Volunteering Activities

Machine Learning Researcher in Data Co-Lab | since Jan 2020
- Building Machine Learning Projects
- Contributing to Open Source Proects
- Providing Trainings and Workshops to Machine Learning novices

Chairman of IEEE RAS ENIS SBC | Jan 2019 - Jan 2020
- Organizing national and international competitions (WRO, ENISROBOT, etc...)
- Participating in Robotics related Competitions and Hackathons

Treasurer of Microsoft Tech Club ENIS | Sep 2019 - Sep 2020
- Providing Training Sessions in several fields : Microsoft Azure, AI, Design
- Participating in IT and Entrepreneurship related Competitions and Hackathons

Ambassador of Microsoft Tech Club ENIS | Sep 2018 - Sep 2019
- Representing the Executive Board of the club
- Consulted by the Executive Board in major decisions

Core Strengths :

- Deep Learning
- Computer Vision
- Natural Language Processing
- Machine Learning
- Linux (Ubuntu)
- Maths
- Problem Solving
- Blockchain

Professional Projects

Pose Estimation

Novel-Ti | July 2020 - August 2020

-Building the OpenPose project on PC and Jetson Nano card
- Tweaking the Hyperparameters to get the best results in both cases
-Writing an easy-to-follow guide for novices (check my GitHub account)
Keywords : OpenPose , Python/C , Jetson Nano , Linux , GitHub

Image Classifier : "TUNIDEX"

Data Co-Lab | February 2020

-Scraping images for 30 classes and annotating them
-Performing Data Cleaning and Data Augmentation
-Using MobileNet to deploy the model in a Mobile Application
Keywords : MobileNet , Data Augmentation , Selenium , tflite files

Dive into Deep Learning

Data Co-Lab | March 2020 - June 2020

-"Dive into Deep Learning" (d2l.ai) is an interactive and free book with code and maths
-Contributing to the D2L project by reporting mistakes and suggesting improvements under the supervision of Dr Alexander J.Smola (Director of Amazon Web Services)
Keywords : Deep Learning , Computer Vision , NLP , GAN , Maths

See the rest of my projects in my GitHub Account : https://github.com/mohamedrekik