

MOHAMED AMINE MECHLIA

PYTHON Developer || Machine Learning || Computer vision

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in https://www.linkedin.com/in/mechlia/ https://bit.ly/3xRb3Ah Date of Birth 04/08/1996



PROFESSIONAL EXPERIENCES

Researcher internship

Micro-Optoelectronics and Nanostructures Laboratory (LMON)

February 2020 - March 2021 Monastir

- Development of an FPGA accelerator for deep learning applications.
- #AI #deeplearning #python #C++ #xilinx #vivado_HLS

Robotics Coach

LEGOLAB ACADEMY

Since 2018 Jammel, Monastir

- Teaching kids to build robots. This academy based on the STEM approach.
- #arduino #microbit #python #scratch #wedo.2.0 #EV3.

Summer Internship

AVIONAV

Jun 2017 - July 2017 Sousse

- Case study of the project electric aircraft.
- #Siemens

PROJECTS

Convolutional neural networks for predicting Alzheimer's disease using MRI images

python, tensorflow, kaggle, deeplearning, cnn, la,opencv,

January 2021 - April 2021

Detection of COVID-19 with chest x-ray images.

python, tensorflow, kaggle, deeplearning, cnn, opencv

April 2020 - July 2020

Development of a social distance application.

yoloV4, python, c++, nvidia, deeplearning, neural network

Mars 2020 - April 2020

Development of an embedded system to detect pedestrian

fpga, labview, ni labview rio evaluation kit

February 2019 - April 2020

Realization of a volumetric air particle sensor and meteorological parameters

raspberry pi 3, python, catia, ares, c++ isis

February 2018 - July 2018

Video Streaming with Raspberry Pi Cameras

python, opencv, raspberrypi 3, c++, vnc

January 2017 - July 2017

ACADEMIC HISTORY

Professional Training "PYTHON Developer"

German Tunisian Chamber of Industry and Commerce

August-December 2021

During this training I developed my skills in programming / Java / Python / SQL / UML / Django as well as the Framework Scrum and DevOps tools .

Research Master in Electronics :

Microelectronics and Instrumentation

Higher Institute of Informatics and Mathematics of Monastir

2018 - 2021

Fundamental Licence in Electronics, Electrical engineering and Automation (EEA)

Faculty of Sciences Monastir (FSM)

2015 - 2018

Bachelor's degree in Technical Sciences

Jemmel High School - Monastir

2014 - 2015

TECHNICAL SKILLS



LANGUAGE

Arabic

French: TCF B2

English: B2 EnglishScore



CERTIFICATION

- Convolutional Neural Network
- DeepLearning.AI TensorFlow Developer
- Data Visualization with Python
- ML Concepts and Application using Python
- Machine Learning course/
- Learn C++ Course

ASSOCIATIVE EXPERIENCES

- Founder and Vice-President of University painting Club Aritny ISIMM - #painting #Art #Artiny Since 2018
- Vice-president of IEEE computational intelligence society ISIMM chapter #AI #IEEE #DL #AI Since 2019