MOHAME AMINE MECHLIA

Python Developer || MachineLearning || Embedded System

@ mechliamohamedamine@gmail.com   ☎ +216 52 822 276   ⚲ Jemmel Monastir , Tunisia
⚲ https://bit.ly/3mPRDZG   ⚲ https://github.com/mechlya   Date of Birth 04/08/1996
in https://www.linkedin.com/in/mechlia/

EXPERIENCE

Researcher internship Deep Learning Engineer
MICRO-OPTOELECTRONICS NANOSTRUCTURES LABORATORY

📅 FEBRUARY 2020 - MARCH 2021   ⚲ Monastir, Tunisia

- Implement and accelerate an embedded Neural network on an FPGA platform to detect pedestrians to avoid collisions.
- #AI #deeplearning #python #C++ #xilinx #vivado_HLs

Robotics Roach
LEGOLAB Academy

📅 SEPTEMBER 2018 - ACTUEL   ⚲ Jemmel, Tunisia

- Cofounder of LEGOLAB: it's a private club for kids to help them learn programming and robotics.
- Animated many workshops about programming for kids

Intern
AVIONAV

📅 JUN 2017 – JULY 2017   ⚲ Sousse, Tunisia

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

PROJECTS

Electronic Olive Fruit Fly Trap
IQClass

📅 February 2020 – Currently   ⚲ Monastir, Tunisia

- it's a wireless connected monitoring system that consists of automated traps with optical and motion detection
- #Raspberry pi 4 #OpenCV #YOLO #Python #GPRS #web dashboard

E-learning website for kids
Corp

📅 October 2021 – Currently   ⚲ Sousse, Tunisie

- Developing a website to teach kids programming language.
- #Django #Python #HTML #CSS #JS

Development of an embedded system for face detection
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

TECHNICAL SKILLS

python | Django | Tensorflow | SQL
openCV | C++ | VHDL | Java | UML
NoSQL | DevOps | Scrum | Trello
PyTorch | HTML | Labview | Matlab
Deep Learning | Jenkins | Git
Docker | Machine Learning | Linux
Arduino | Raspberry Pi | FPGA

EDUCATION

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

LANGUAGE

Arabic
French: TCF B2
English: B2 EnglishScore

OTHER 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 #ML   Since 2019
- Member IEEE   Since 2018