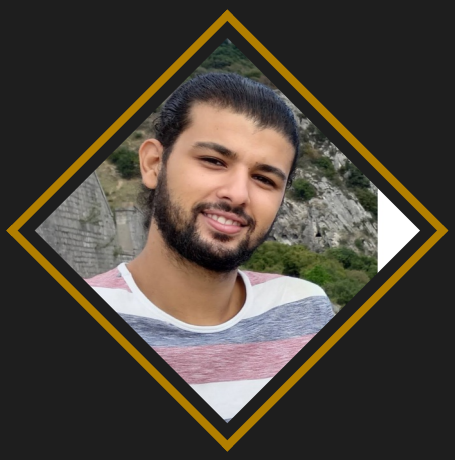

DHIA EDDINE GHARSALLAOUI

MASTER 2 STUDENT AT MINES PARISTECH SCHOOL AND PARIS DAUPHINE UNIVERSITY

SKILLS

Software

Pack Office
Linux
Arena Simulation
MATLAB
ROS
TRNSYS
SAS

Programming language

Python
R
VBA
SQL
OpenAI
ML libraries
C

LANGUAGE

- *Arabic : Native language*
- *French : BILINGUAL*
- *English : BILINGUAL (TOEIC 915/1000)*
- *German : A1*
- *Spanish: A1*

CONTACT

PARIS
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dhia-eddine.gharsallaoui@dauphine.eu
GHARSALLAOUI Dhia Eddine

Looking for an internship

EXPERIENCE

BIAT, Tunis | 2020
Trainee
Design of a Reporting tool for BIAT's tourism subsidiaries. This tool contains different functionalities in order to gather the data of the hotels, analyze them and give a complete graphical vision to the manager.

TELNET, Tunis | 2020
end-of-year 2 project
Realization of an autonomous line follower robot on ROS using Reinforcement Learning algorithms and comparison between the performances of the different algorithms. This project includes the preparation of the ROS software environment, the implementation of the algorithms with Open AI Gym and the learning in simulation on GAZEBO.

ASTEELFLASH, Soukra | 2019
Trainee
Develop an interactive database in VBA language that calculates the plant's performance indicators and provides evolution curves of the KPIs.

EDUCATION

Computer science Master MODO (Double Degree)
Mines ParisTech, Paris Dauphine, Paris | 2020 - Present

National Engineering Diploma in Industrial Engineering
National Engineering School of Tunis -ENIT, Tunis | 2018 - Present

Preparatory cycle Mathematics and Physics
Preparatory Institute for Engineering Studies of Tunis - IPEIT, Tunis | 2016 - 2018

Mathematics baccalaureate with honors
Echrarda high school, kairouan | 2016

ACADEMIC PROJECTS

Predicting diabetic retinopathy and identifying interpretable biomedical features using machine learning algorithms

- Identification of relevant variables: p-value.
- Use these variables in different models: Decision Tree, Logistic Regression, Artificial Neural Network, Support Vector machine SVM.
- Compare these models and choose the best one: SVM.

Chronic Kidney Disease: Clustering and Prediction

- Pre-processing: Data Cleaning and imputation.
- Exploratory Data Analysis: check correlations.
- Clustering & Prediction: K-means, k-means+PCA, Neural Network.