RONDIL DEV
BI | Data | Big Data Analyst & Developer

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Rondil Dev Portfolio
📍 Agadir, Morocco

Motivated and highly accurate data scientist and PhD student with a passion for new technologies, adept at collecting, analyzing and interpreting large datasets, developing new predictive models and performing data management tasks. She possesses extensive analytical skills, a strong spirit of synthesis and a great ability to work in teams.

☰ Skills

Artificial Intelligence	**Machine Learning** (supervised and unsupervised), **Data Mining**, **Deep Learning**
Programming	**Java**,**C**, **Python**, **Julia**, **Matlab**, **R**, **Web** *(Javascript, CSS, html, PHP)*
Frameworks and Libraries	**TensorFlow**, **Keras**, **Scikit-learn** ,**Yolo**, **Bootstrap**, **Flask**, **Django**
Databases	MySQL,Oracle, Sqlite, Neo4j, Cassandra, MongoDB, SQL, Cypher, CQL
Data Visualisation	Python, Dash, PowerBI, Tableau
Business Intelligence	**PentahoPDI**(*(ETL)*, Pentaho Server(*MDX,Reporting)*),Schema workbench *(OLAP)*
Development tools	**IntelliJ Idea**, **Netbeans**, git, **Anaconda**(*Jupyter Notebook, Ipython, Spyder)*, RStudio, Kaggle, Google Colab, Weka
Medical imaging tools	ImageJ, 3DSlicer, Flirt, Elastix, Simple-Elastix, MedINRIA
Operation systems	Windows, Linux

💼 Professional Experience

Today
September 2021

Information Technology Trainer , IETP, Kénitra, Morocco
> Trainer of the subject : Database Management System (DBMS).
> Teacher of the subject : Algorithmics and programming in Python

`Merise` `SQL` `Access` `MySQL` `SQLite` `Python` `AData analysis` `Data visualisation`

Today
December 2019

Data Scientist |Data Science /Python trainer, Freelance, Morocco
> Machine Learning / Deep Learning - Python language trainer.
> Data collection and preparation.
> Elaboration of the different ML-DL algorithms.
> Visualisation and decision support.

`ML/DL` `Python` `Anaconda` `Weka` `Web Scraping` `Tableau` `Flask` `NLP` `Image processing` `Computer Vision`

July 2019
March 2019

Data Scientist, Intern , CTT MANAGEM group, Guemassa, Marakech, Morocco
Development of Machine Learning and business data based solutions for predictive maintenance within mining production units.
> Collection and preparation of sound data from rotating machines (water pumps, motors, reducers)
> Analysis of temperature and vibration indicators of the " crusher " equipment.
> Elaboration of Machine Learning algorithms.
> Creation of a platform for the input and consultation of results.

`Python` `Features Extraction` `Machine Learning` `Data Aquisition` `Bootstrap` `Flask` `GMAO` `Anaconda`

October 2018
December 2019

Data Scientist, Application project, CMG of MANAGEM group, Guemassa, Marrakech, Morocco
Development of a solution based on image processing and prediction models for the supervision of the flotation process.
> Pre-processing and data augmentation.
> Extraction of the characteristics of the images.
> Applications of Machine Learning algorithms.

`Python` `Flask` `Machine Learning` `Image processing`

May 2018
June 2018

Member Intern, The Moroccan League for Child Protection (LMPE), Marrakech, Morocco
Assist the association in the search for Analysis Laboratories and pharmacies as partnerships.

March 2017 June 2017	Software developer, end of studies project, FACULTY OF SCIENCES AND TECHNIQUES, Errachidia, Morocco Implementation of a Hybrid Crypto-system application to encrypt and decrypt the text. › Definition and implementation of business processes › Implementation of a project modeling and creation of UML diagrams. ArgoML Java Eclipse ELGAMAL Algorithme DES algorithme MySQL

🌐 LANGUAGES

Arabic ●●●●●
French ●●●●○
English ●●●●○

➕ STRENGTHS

› Passionate, Motivated, Autonomous, Dynamic
› Excellent interpersonal skills
› Ability to learn spontaneously.
› Ability to work under pressure, alone and in a team.

🎓 EDUCATION

Now - 2020	Doctoral researcher in Medical Image Analysis and Artificial Intelligence, Kenitra, Morocco in collaboration with the University of Nantes, France
2019	Specialized Master Mention **Data science**, from Cadi Ayyad University, Marrakech, Morocco.
2017	license in Sciences and Techniques, Mention **Software Engineering**, of the University Moulay Ismail, Faculty of Sciences and Techniques, Errachidia, Morocco.
2016	Diploma of scientific and technical university studies, branch **math computer physics**, of the University Moulay Ismail, Faculty of sciences and techniques, Errachidia, Morocco.
2014	Scientific Baccalaureate option **physical sciences**, Abi El Kacem high school, Skoura, Ouarzazate, Morocco

💻 ACADEMIC PROJECTS

Implementation of a Chatbot for consultation about the covid 19 virus in Moroccan dialect
Text Mining, NLP, Deep Learning, Python, Anaconda, développement web, Flask

Implementation of an Arabic Chatbot for an E-commerce website
NLP, Deep Learning, Python, Anaconda, développement web, Flask

Application of an Approach to Analyze Data Collected From Twitter
TwitterAPI, Python, Jupyter Notebook, Neo4j, Cypher

Image classification with Machine Learning and image processing algorithms
Jupyter Notebook, algorithmes de traitement d'images, Machine Learning, Scit-Learn, Tensorflow, Keras

Traffic Flow Prediction With Missing Data ; Kaggle Data
Deep Learning (LSTM), Python, Tensorflow, Keras

Design and Implementation of a Data Warehouse with the "Northwind Extended Database"
MySQL, Pentaho Data Integration (ETL), schema workbench (Cube OLAP), Pentaho server (MDX Reporting)

YouTube Data Visualization and Analysis
Python, YouTube API, genderize.io, MongoDB, PyQt4

❝ CERTIFICATES/ WORKSHOPS

› Member of the organizing committee of the 7th edition of the MT180 seconds competition in Morocco (Kenitra)
› Workshop on the configuration and production of a private cloud with Openstack (Kénitra)
› Workshop on Distributed and High Performance Computing and Robotics (Marrakech)
› Is machine learning the future of humans ? (OpenClassrooms)
› Learn about basic digital image processing (OpenClassrooms)
› Discover Python libraries for Data Science (OpenClassrooms)
› Describe and clean your dataset (OpenClassrooms)

➕ CENTER OF INTEREST

› New technologies : Artificial Intelligence, Deep Learning, Computer Vision, NLP, Big Data, Recommendation Systems, Cloud Computing, Robotics, HPC...
› Volunteering in an association
› Travel
› Sports : Basketball, Tennis, Yoga.
› Music : Guitar