Wassima Manssour

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EDUCATION

Master's Degree | *Information Systems and Intelligent Systems - M2SI* — 2021 – Present
National Institute of Statistics and Applied Economics — Rabat, Morocco

Bachelor's Degree | *Business Intelligence* — July 2021
Higher School of Technology, Mohammed I University — Oujda, Morocco

Technical University degree (DUT) | *Software Development* — July 2020
Higher School of Technology, Mohammed I University — Oujda, Morocco

Baccalaureate Degree in Mathematics A | *SMA BIOF* — June 2018
IBN TAHIR Hight School — Errachidia, Morocco

RELEVANT COURSEWORK

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Computer Vision
- Big data- Hadoop
- Business Intelligence
- Scala
- Data mining
- Data Warehouse
- Cloud computing
- Optimization Techniques
- Constraint Programming
- Probability and statistics
- Microservices
- Meta-Modeling
- Business Process Management
- Introduction to Robotics
- NLP

WORK EXPERIENCE

Internship-Software Developer and Data Analyst — 3 months — 2020-2021
Manahij Conseil — Tangier
- Building a web application for managing E-Suggestions inside a Tech Company.
- AngularJS, SpringBoot2, PostgreSQL, Microservices, Python

Internship-Software Developer — 2 months(Remot) — 2019-2020
Calves Farm — Oujda
- Building a desktop application for the farm management with JavaFX, Scene Builder.

PFE-Software Developer — 2 months(Remot) — 2019-2020
Service Station — Oujda
- Building a desktop application for the station management with JavaFX, Scene Builder.

Internship-Software Developer — 1 month — 2018-2019
Faculty of Science of Oujda — Oujda
- Building a desktop application for intern's management with vb.net and SQLServer.

PROJECTS AND RESEARCH

Apple Leaf Disease Detection | *In Progress-Python, Colab, EDA, DL* — December 2022
Building a real time leaf disease detection system for the agriculture sector in Morocco based on DL.

Data Lake Architecture for the Analysis of Public Data | *In progress- Hadoop, Hbase, Hive* — December 2022
Construction of a Big Data architecture for public procurement data analysis

Car License Plate Recognition | *In progress-Computer Vision* — December 2022
Detection of cars licese plate and display it using YOLO v7 and OCR

Face Mask Detection for COVID-19 Prevention | *Python, yolo v5* — 2022
Face Mask Detection using yolo v5 from images and videos

Sentiment analysis for hotel reviews | *Python, NLP, Scraping, Selenium,Power BI*   November 2022
Scraping data from TripAdvisor website, applying sentiment analysis and reporting using PowerBI

Breast Cancer Classification using CNN   2021
Comparing the state-of-art of DL models used in breast cancer detection

Building An Ontology For The Oncology Domain   2021
Building an ontology for the oncology domain using AminePlateforme and conceptual graphs

Multiple Chronic Disease Prediction | *Python, Linear Regression, Streamlit, Heroku*   2021
Applying linear regression to predict the presence of a disease (Diabetes - Heart disease - Parkinson)

Anime Recommendation System   2021
Building a movie recommendation system based on content using a Kaggle dataset. Then extend
the project to build an Anime recommendation system web app

Factors Influencing Performance and Health of The INSEA Students. | *R, MCA*   2021
Multiple Correspondence Analysis to study the relationship between habits and study methods
among INSEA students, in addition to their personalities on their academic performance

COURSES AND CERTIFICATIONS

Computational Neuroscience   In progresss
An online non-credit course offred by Duke University through Coursera

Image and Video Processing: From Mars to Hollywood with a Stop at the Hospital   In progresss
An online non-credit course offred by University of Washington through Coursera

Neural Networks and Deep Learning   2022
An online non-credit course authorized by DeepLearning.AI and offered through Coursera

AI for Medical Diagnosis   2022
An online non-credit course authorized by DeepLearning.AI and offered through Coursera

Introduction to Natural Language Processing   2022
An online non-credit course authorized by Mathieu Nebra and offered through OpenClassrooms

Business Process Management   2022
An online non-credit course provided by Great Learning

SKILLS

Languages: Arabic (Native), English (B2), French (B2)
Programming: Python (NumPy, Matplotlib, Seaborn, Pandas, Opencv,YoLo), R, Scala, Airflow, Matlab, Java, Spring
Boot 2, SQL
SGBDs: MYSQL, Oracle, PostgreSQL, SQLServer, Access
Developer Tools: VS Code, Eclipse, Google Colab, Jupyter notebooks, Android Studio, PowerBI
Web Development:HTML, CSS, JavaScript, AngularJS, WordPress, Figma, Canva, Adobe Photoshop
Interpersonal skills: Problem-solving, Teamwork, Autonomy, Self-improvement, Leadership, Creativity

INTERESTS / EXTRACURRICULAR

Interests: Reading, Digital painting, Drawing, Running, Online learning
Content Creation: founder of *w*assimaacademy youtube channel