



WASSIMA MANSSOUR

+212-6774-35205

wmanssour@insea.ac.ma

linkedin.com/in/wassima-manssour

github.com/wassima-manssour

wassima-manssour-portfolio.io

EDUCATION

Master's Degree <i>Information Systems and Intelligent Systems - M2SI</i> National Institute of Statistics and Applied Economics	2021 – Present Rabat, Morocco
Bachelor's Degree <i>Business Intelligence</i> Higher School of Technology, Mohammed I University	July 2021 Oujda, Morocco
Technical University degree (DUT) <i>Software Development</i> Higher School of Technology, Mohammed I University	July 2020 Oujda, Morocco
Baccalaureate Degree in Mathematics A <i>SMA BIOF</i> IBN TAHIR Hight School	June 2018 Errachidia, Morocco

RELEVANT COURSEWORK

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

WORK EXPERIENCE

Internship-Software Developer and Data Analyst Manahij Conseil	3 months — 2020-2021 Tangier
• Building a web application for managing E-Suggestions inside a Tech Company. • AngularJS, SpringBoot2, PostgreSQL, Microservices, Python	
Internship-Software Developer Calves Farm	2 months(Remot) — 2019-2020 Oujda
• Building a desktop application for the farm management with JavaFX, Scene Builder.	
PFE-Software Developer Service Station	2 months(Remot) — 2019-2020 Oujda
• Building a desktop application for the station management with JavaFX, Scene Builder.	
Internship-Software Developer Faculty of Science of Oujda	1 month — 2018-2019 Oujda
• Building a desktop application for intern's management with vb.net and SQLServer.	

PROJECTS AND RESEARCH

Apple Leaf Disease Detection <i>In Progress-Python, Colab, EDA, DL</i> Building a real time leaf disease detection system for the agriculture sector in Morocco based on DL.	December 2022
Data Lake Architecture for the Analysis of Public Data <i>In progress- Hadoop, Hbase, Hive</i> Construction of a Big Data architecture for public procurement data analysis	December 2022
Car License Plate Recognition <i>In progress-Computer Vision</i> Detection of cars license plate and display it using YOLO v7 and OCR	December 2022
Face Mask Detection for COVID-19 Prevention <i>Python, yolo v5</i> Face Mask Detection using yolo v5 from images and videos	2022

Sentiment analysis for hotel reviews <i>Python, NLP, Scraping, Selenium,Power BI</i>	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 <i>Python, Linear Regression, Streamlit, Heroku</i>	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. <i>R, MCA</i>	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 *wassimaacademy* youtube channel