

MARZOUG NABIL

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OBJECTIVE

Data science and machine learning engineering student with experience in Python and R customer-facing interfaces, seeking to gain experience in executing proof of value projects and supporting business development activities.

EDUCATION

Engineering Degree in Data Science and Artificial Intelligence, National school of Applied Sciences, Safi 2022-2024

Relevant Coursework: Data Science , Data analysis, Big Data,Business Intelligence, Machine Learning, Deep Learning, Computer Vision and Natural language processing.

SKILLS

Technical Skills Python , C++, Data Analysis, Data visualization, Web Scraping, SQL, Excel, Power-Bi, Hadoop, Apache Spark,Machine Learning, Predictive Modeling, Statistics, Mathematics, Scikit-learn, Tensorflow, Pytorch , Hyperparameter-tuning, Optuna,Problem Solving, Linux

Soft Skills Communication, Team Work , Professional Writing, Leadership, Critical thinking, Adaptability, Time management

EXPERIENCE

Assistant AI Researcher

2022- 2023

Moncton University-Canada

- Led the analysis of the Cidarknet-2020 dataset, resulting in a Research paper that describes the use of machine learning in cyber security in identifying and mitigating potential security threats.
- Developed and implemented a comprehensive approach for identifying anomalous behavior and malicious activities in network traffic using Machine learning (Ensemble Methods, Machine Learning Algorithms) and Deep learning techniques (CNN, transfer learning, Gans).

PROJECTS

Data Analysis Project. Actively engaged in numerous Data Analysis Projects, showcasing my expertise in extracting valuable insights from complex datasets. These projects have honed my skills in manipulating, cleaning, and organizing data to uncover patterns, trends, and correlations.

Power-Bi Project One of the notable projects I undertook involved leveraging the power of Power BI, a powerful business intelligence and data visualization tool, to deliver good insights and reporting solutions. With my expertise in Power BI, I successfully transformed raw data into interactive visualizations, empowering stakeholders to make informed decisions and drive business growth.

Computer Vision Skin cancer is one of the most common types of cancer worldwide. Early detection of skin lesions can greatly improve patient outcomes. In this research, we use the Skin Cancer dataset of images to develop a deep learning model to classify skin lesions.

Natural Language Processing successfully completed an NLP project that focused on sentiment analysis of customer reviews for a leading e-commerce platform. The objective of the project was to analyze a large volume of textual feedback to understand customer sentiments and identify areas for improvement.

CERTIFICATES

- [Exploratory Data Analysis for Machine Learning](#), IBM
- [Foundations: Data, Data, Everywhere](#), Google
- [intro-to-machine-learning](#), Kaggle
- [Computer Vision](#), Kaggle
- [The Elements of Data Science, Machine Learning Online Course](#), AWS Training Certification
- [Machine Learning for Leaders — Machine Learning Online Course](#) — AWS Training Certification