

SUHIP MAJDI



DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

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SUMMARY

Data Scientist & AI Engineer specializing in building scalable machine learning systems and real-time analytics pipelines. Expertise in Python, Pytorch, TensorFlow, and Big Data technologies (Hadoop/Spark/Kafka) with a proven track record of delivering high-impact projects. Passionate about reinforcement learning and computer vision applications.

EDUCATION

BACHELOR OF DATA SCIENCE & ARTIFICIAL INTELLIGENCE

Aug 2021 - Jan 2025

Mutah University, Jordan

Major in Data Science and AI

Final GPA: 80.42

PROJECTS

Real-Time Object Detection System (Parts Planet) :

- Trained a custom YOLOv5 model for object detection using hyperparameter tuning & data augmentation.
- Deployed as a Flask web app with a responsive front-end (HTML/CSS/JS) for image/video uploads.

Reinforcement Learning for Bomb Evasion Game Agent

- Designed a DQN agent with a dynamic reward system (+5/safe move, -20/collision, +100/30-sec survival).
- Built with PyTorch (neural network) and OpenAI Gym (environment).

Real-Time Big Data Pipeline (Spark, Kafka, Cassandra)

- Built a low-latency streaming pipeline with Kafka (producers/topics), Spark (micro-batch), and Cassandra (storage).
- Processed & stored CSV data for scalable analytics, ensuring fault tolerance.
- Tools: Spark, Kafka, Cassandra, Scala, Zookeeper, Linux

Interactive Retail Sales Analytics Dashboard (Power BI)

- Developed an interactive dashboard tracking revenue trends, product performance, and regional sales.

Automated Category Navigation Bot

- Built a Python bot to auto-navigate e-commerce categories, handling dynamic page reloads.
- Locates all category elements from a grid layout
- Iterates through each category, enters it, and returns to the main page

Python GUI School Management System

- Developed a full-featured desktop app using Tkinter, Optimized UI/UX with ttk widgets.

TECHNICAL SKILLS

- **Machine Learning & Deep learning** : PyTorch, scikit-learn, OpenCV, TensorFlow,.
 - **Big Data:**
 - Data management : Yarn.
 - Data Processing : Hadoop (MapReduce, Hive, Pig) Spark (Batch, Streaming, Spark-SQL).
 - Data Ingestion : Sqoop, Flume, Kafka.
 - Workflow Scheduler : Oozie.
 - Cloud Platforms (AWS): EC2, S3.
 - **Data Visualization** : Power BI, Matplotlib, Seaborn,Tableau.
 - **SQL Databases** : MySQL. **NoSQL Database** : Cassandra, HBase.
 - **Programming Language** : Python, SQL, C++, HTML, JavaScript, CSS.
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ADDITIONAL INFORMATION

TRAINING & CERTIFICATIONS :

- **100 Days of Python Intensive Bootcamp:**
 - Master Python, Learn data science, automation, build websites, games and apps.
- **AWS Cloud Essentials (AWS)** – Cloud infrastructure & services (EC2, S3).
- **Data Science Certification (Intern Intelligence)** – Applied ML, data analysis, and modeling.
- **IEEE Computer Society "Computer Vision"** – CV fundamentals, object detection.
- **Makani Robot Operating System.**

Languages:

- **English:** Proficient
- **Arabic:** Native

Leadership & Professional Skills:

- **Technical Environment (OS)** : Linux(Ubuntu/Shell Scripting), GitHub(Version Control, CI/CD).
- Problem-Solving | Fast Learner | Team Collaboration.
- Adaptability | Effective Communication | Self-Motivation | Work Under Pressure.