Yazeed Mshayekh

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Fresh graduate in Data Science with a strong scientific foundation and technical expertise in machine learning, dedicated to transforming complex datasets into impactful AI-driven solutions. Equipped with skills in Python, TensorFlow, and deep learning frameworks, with a ability to apply data science techniques to drive measurable impacts.

Education

Bachelor's Degree in Data Science, *University of Jordan*, Amman, Jordan, 2020- 2024
GPA: 3.61/4.00, *Very Good*

Training Experience

Tech For Jobs Fellowship at Data Analytics Training Program October 2024 - Present
Correlation One Remote

- 18-week data analytics training program, solving real-world business cases using Python, SQL, and advanced Excel.
- Engineered data cleaning and analysis protocols using SQL queries and Excel formulas, achieving a high data resolution in customer database.
- Building dynamic Tableau dashboards to transform complex data into clear, actionable business insights through interactive visualizations.

Data Science Training Program September 2024 - Present
Tahaluf Al Emarat Technical Solutions LLC Remote

- Intensive 36-week data science training program, building a solid linear algebra and probabilities background while improving advanced technical data science and problem-solving skills.
- Curved my technical data science skills by manipulating different datasets using Python data-science frameworks like pandas, NumPy, matplotlib, seaborn, and TensorFlow.

Projects

LoreWeaver – Natural Language Processing November 2023 - January 2024
Large Language Model to generate stories and novels

- Beating SOTA models of the time on four dataset benchmarks, achieving improvements of 4.11% on MMLU, 2.62% on HellaSwag, 3.07% on WinoG, and 4.49% on ARC-C.
- Trained using only 5025 rows of text with the advantage of using Q-lora, and a single A100 GPU delivering a Gradio-based interface with text-to-text and text-to-audio features.

Attendify – Computer Vision November 2023 - May 2024
Automated Attendance System

- Taking the attendance using facial recognition technology, achieving 99.7% accuracy in detecting and identifying individuals based on facial features.
- Developed using a tri-architecture fusion of three carefully selected models: YOLO-v9 for detection, ResNet-50 for recognition, and a Siamese network for identity verification.
- Deployed Using Flask, HTML, CSS, and JavaScript.

Courses

Deep Learning Specialization
DeepLearning.AI and Stanford University

Machine Learning Specialization
DeepLearning.AI

Mathematics for Machine Learning and Data Science Specialization
DeepLearning.AI

TensorFlow Professional Certification
DeepLearning.AI

Achievements

First Place
Organized by the STEAM Center in collaboration with Arab Robotics Association
First Place
The 11th National Technology Parade 2024.

SKILLS

- **Data Science and Machine Learning**: Data Analysis, TensorFlow, Model Evaluation, Computer Vision, Natural Language Processing, Data Preprocessing, Predictive Modeling
- **Technical Skills**: Microsoft Excel, Tableau, Git & GitHub
- **Programming Languages**: Python, SQL

Languages

Arabic | *Native – Mother Tongue*
English | *Very Good*