

Contact

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Address Amman, Jordan

LinkedIn **GitHub** **Portfolio**

Education

2025 - 2027

Master's of Data Science; Online Program
University of Texas in Austin

2019 - 2023

Bachelor's Degree in Artificial Intelligence
Middle East University; **GPA:** 3.94/4.00

Skills

Programming & Scripting: Python, R, C++, SQL, Linux (Bash)

MLOps: Docker, CI/CD, MLFlow, GitHub Actions

Data Science: Data Mining, Full Data Project Cycle

Data Engineering: ETL/ ELT Pipelines, Apache Airflow, Spark, Data Modeling

Data Manipulation & Analysis: NumPy, Pandas, Polars, PySpark

Visualization & Dashboards: Matplotlib, Seaborn, Plotly, Streamlit, PowerBI

Statistics & Testing: Hypothesis Testing, A/B Testing

Machine Learning & Deep Learning: PyTorch, TensorFlow, Scikit-learn, SHAP

Computer Vision & Natural Language Processing: Generative AI, LLM, Hugging Face API, OpenCV, NLTK

Cloud Technologies & Services: AWS, AWS Lambda, S3, SQS, SNS, ECR, CodeArtifact, CloudWatch, ELB, Athena, Glue, AWS SageMaker, AWS Bedrock

Version Control: Git, GitHub, DVC

API's: FastAPI, Flask

Software Engineering: API's, OOP, Design Patterns

Databases: MySQL, PostgresSQL, SQL Server, MongoDB, Redis

Languages

Arabic - Native

English - Proficient C1

Ahmad Hammad

Data Scientist

Dynamic Data Scientist with a passion for transforming challenges into solutions. Leveraged cutting-edge OCR technology to achieve a 99% boost in data extraction efficiency. Specialized in high-accuracy machine learning models, notably predicting policy premiums and curbing customer churn. Established a streamlined ETL pipeline for efficient data processing. Proficient in Python, Docker, Git, and cloud platforms such as AWS.

Experience

Feb 2024 - Currently

○ **Mid-Level Data Scientist**

Desaisiv | Amman, Jordan

- Built a **CI/CD pipeline** for **ML** models, reducing deployment time from **weeks** to **hours** and improving iteration speed by **40%** through automation and **real-time monitoring**.
- Developed a centralized **data warehouse** that improved accessibility and consistency of datasets; resulting in an **overall reduction of analysis & report** generation time by **50%**.
- Developed a machine learning model for **policy premium prediction** with a **90% accuracy rate**, improving the company's pricing profitability by **10%**.
- Utilized multithreading for **AWS Lambda** with **SQS** and **Redis** to improve **processing speed by 400%**, enhancing the scalability of data processing tasks.
- Currently **mentoring** two junior data scientists, fostering skill development and guiding project execution.

Feb 2023 - Jan 2024

○ **Junior Data Scientist**

Desaisiv | Amman, Jordan

- Built an AI system to map similar providers, saving underwriters **8 hours per week** and reducing **human error** by **92%**, streamlining decision-making and increasing accuracy.
- Designed and implemented an **OCR** solution that reduced manual PDF data extraction time by **99%**, significantly increasing operational efficiency.
- Designed and deployed a robust **ETL pipeline** processing **500,000+** records monthly, improving data quality and accessibility across projects.
- Designed an **AWS Lambda** architecture to enable seamless communication between services.

July 2022 - Jan 2023

○ **Data Scientist Intern**

Desaisiv | Amman, Jordan

- Collaborated with stakeholders to explore **product development** opportunities.
- Developed a model to **identify current and emerging diseases**, aiding patient care and preventive measures.
- Scraped** and **organized** medicinal data (scientific names, pricing, images, uses) to support healthcare insights.

Jan 2022 - Feb 2022

○ **IoT Engineer Intern**

AiElements | Amman, Jordan

- Deployed a **facial recognition model** for company access control, increasing security.
- Configured **openHAB** with the **KNX protocol**, setting up rules, triggers, and scripts for automated control of electrical devices and sensors based on time and events.

Projects

ATS-AI-Resume-Enhancer: [GitHub](#)

Leveraging **GeminiAI** to align resumes with job descriptions, delivering tailored personal recommendations for resume enhancement.

Laptop Pricing Prediction: [GitHub](#)

Conducted experiments with machine learning models through **MLFlow** and deployed a machine learning pipeline to identify key factors influencing pricing.

Publications & Certifications

- AWS Cloud Practitioner CLF-02** ([Credentials Link](#)).
- AWS Certified AI Practitioner** ([Credentials Link](#)).
- Predictive modeling of skin permeability for molecules** ([Paper Link](#)).