

Abdallah El-Hakawati

Data Science & AI Undergraduate

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📍 Amman, Jordan

🌐 Abdallah El-Hakawati

🔗 iHakawaTi

Professional Summary

My journey in Data Science and AI is driven by a passion for creating technology that solves real-world problems. As a third-year student, my experience has been centered on developing projects like 'Gestraspeak,' an assistive technology that translates ASL to speech using computer vision. I am actively seeking a research internship to apply my expertise in data analysis, algorithm implementation, and machine learning to build innovative solutions that have a meaningful impact.

Education

10/2023 – Present
Amman, Jordan

Bachelor of Science in Data Science and Artificial Intelligence

Applied Science Private University

GPA: 95.1/100 (4.0/4.0) (Ranked in the top 5 of the Data Science and AI major)

Expected Graduation: [Oct, 2026]

Relevant Coursework:

- Machine Learning
- Natural Language Processing (NLP)
- Data Structures and Algorithms
- Probability and Statistics
- Linear Algebra
- Database Systems

Honors & Awards:

- 1st Place: JPC7 Programming Competition
- 1st Place: Inter-university Machine Learning Contest
- 2nd Place: Hour of Code
- Dean's Honor List Recipient

Projects

05/2025 – Present

GestraSpeak: Real-Time Sign Language to Speech Translator [🔗](#)

Computer Vision & Assistive Technology

Engineered an innovative computer vision application that translates American Sign Language (ASL) gestures into real-time speech. The project was designed as a proof-of-concept for wearable smart glasses, aiming to bridge communication gaps for the hearing-impaired community.

06/2025 – 07/2025

Automated Data Cleaning Tool (CLI + GUI) [🔗](#)

Data Preprocessing & Full-Stack Development

Developed a dual-interface tool for automated data cleaning, profiling, and exploratory data analysis. The application automates critical preprocessing tasks, making datasets ready for machine learning model training.

05/2025 – 06/2025

ML-Model-Picker: Automated Model Selection GUI [🔗](#)

Full-Stack ML Engineering & Streamlit

Engineered an end-to-end Streamlit application that automates and streamlines the machine learning model selection process. The tool allows users to upload a dataset and, through an intuitive GUI, select the optimal model for classification or regression tasks.

Skills

Machine Learning & Deep Learning: Scikit-learn, TensorFlow, Keras, PyTorch, XGBoost, CatBoost, NLP, Spacy, NLTK, OpenCV, MediaPipe.


Data Manipulation & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Plotly.

Cloud & Deployment: AWS, Google Cloud, Streamlit.


Programming Languages: Python, SQL, Java, C++, R.


Tools & Platforms: Git/GitHub, Jupyter Notebooks, VS Code.


Certificates

Machine Learning:  **DeepLearning.AI** (July 2024) | *Skills:* Machine Learning, Deep Learning, Artificial Neural Networks.

Data Science Track: SHAI For AI (Oct 2024) | *Skills:* Data Science, Machine Learning, Deep Learning, Statistical Analysis, Python, SQL, Git, GitHub.

Associate Data Scientist in Python:  **DataCamp** (Aug 2024) | *Skills:* Statistical Data Analysis, Data Modeling, Data Manipulation, Data Visualization, Machine Learning Fundamentals.

Google Data Analytics:  **Google** (Jun 2025) | *Skills:* Data Analytics, R, SQL

The Data Science Course:  **Udemy** (Mar 2024) | *Skills:* Deep Learning, Machine Learning, Statistical Analysis, Data Visualization

Languages

Arabic: Native / Mother tongue

English: Fluent