

# Abdallah El-Hakawati

## Data Science & AI Undergraduate

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 0782553646

 Amman, Jordan

 Abdallah El-Hakawati

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### Professional Summary

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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

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10/2023 – Present **Bachelor of Science in Data Science and Artificial Intelligence**

Amman, Jordan *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

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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

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**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

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**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

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**Arabic:** Native / Mother tongue

**English:** Fluent