

# Abdelrahman Sherif

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## Education

Kafr El-Sheikh University, Faculty of Artificial Intelligence Sept 2024 – May 2028

- **Coursework:** Machine Learning, Neural Networks, Deep Learning, Data Structures and Algorithms, Computer Vision, Natural Language Processing, Python Programming, Web Development, Operating Systems

## Experience

**Artificial Intelligence Machine Learning Diploma (In Progress)** Route Academy, July 2025 – Nov 2025  
Egypt

- Introduction to AI, Machine Learning, Computer Vision, and Natural Language Processing (NLP)
- Python Programming, OOP, Data Structures, Git GitHub
- Data Analysis using NumPy and Pandas, Data Visualization with Matplotlib and Seaborn
- Data Preprocessing including cleaning, handling outliers, feature scaling, and train-test splitting
- Machine Learning Algorithms: Regression, Classification, Clustering, SVM, Decision Trees, Random Forests, Ensemble Methods
- Model Evaluation, Cross Validation, Hyperparameter Tuning
- Introduction to Deep Learning and Artificial Neural Networks
- Hands-on Projects: Rock-Paper-Scissors Game, Loan Prediction, Titanic Dataset Analysis, Kaggle Competitions

**Front-End Developer (Freelancer)** Dec 2024 – Present

Remote

- Designed and built simple responsive websites using HTML, CSS, and JavaScript.
- Worked with React.js to create basic interactive components and pages.
- Handled small freelance tasks like edits, bug fixes, and landing page creation.
- Used Git and GitHub to manage code and track changes.
- Practiced writing clean, organized code and improving page performance.

## Technologies

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**Languages:** C++ , Python, OOP, Html, Css, JS, React.js

**Technologies:** React.js, Git, GitHub, Bootstrap, Material UI, Python, NumPy, Pandas, scikit-learn, Anaconda, VS Code

**Soft Skills :**Problem Solving, Time Management, Teamwork, Communication

## Courses

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**Artificial Intelligence & Machine Learning Diploma (In Progress)** – Route Academy, Egypt July 2025 – Nov 2025

## Language

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Arabic (Native), English (Good)

## Summary

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A passionate AI student and freelance Front-End Developer. Currently building real-world projects using React.js and learning Machine Learning with Python. Eager to grow in tech through continuous learning and hands-on experience.