

ABDELRHMAN KHALIL

Student at Faculty of Computers and Artificial Intelligence

CAREER OBJECTIVE

I am a dedicated Computer Science student at Fayoum University, specializing in Machine Learning and AI. Passionate about applying artificial intelligence and cybersecurity to build intelligent and secure systems. Committed to continuous learning and innovation, with a strong drive to make a meaningful impact in the tech industry.

CONTACT

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<https://www.linkedin.com/in/abdulrahman-khalil-ba64272a3/>

GITHUB:

<https://github.com/ABDELRHMAN4004>

WEBSITE:

<https://abdelrhman4004.github.io/portfolio.1/>

EDUCATION

University: Fayoum University

Faculty: Computers and Artificial Intelligence

Specialization: Machine Learning and Information Systems

Current Year: 3rd

Graduation Year: 2026

WORK EXPERIENCE

AI Training Internship – Zewail City

Summer 2023 – 50 hours

Completed intensive training in AI fundamentals and applications. Gained hands-on experience in implementing machine learning algorithms.

AI-Powered Cybersecurity System

Faculty of Computers and Artificial Intelligence – Fayoum University — 2025

Developed a dual-agent system: one AI agent launches cyberattacks, the other defends against them.

Integrated generative AI to create novel (zero-day) attack scenarios.

Built a smart detection and classification engine with a knowledge base of known and unknown threats.

Applied skills in backend development, embedded systems, and real-time response.

Led a team of students with no prior experience in AI or cybersecurity and ensured knowledge transfer and collaboration.

Machine Learning Developer (Personal Projects)

Self-Initiated Projects — Available on GitHub

GitHub: github.com/ABDELRHMAN4004/ML_Projects

Built multiple ML models for various use cases with complete code and documentation.

Notable Project:

Breast Cancer Classification using SVM

Used the Breast Cancer Wisconsin (Diagnostic) Dataset.

Applied SVM with data preprocessing and hyperparameter tuning.

Achieved 92% accuracy.

Compared performance with other classification models.

Aimed to demonstrate how AI can support early diagnosis in the medical field.

CERTIFICATIONS & ONLINE LEARNING

Completed multiple online courses in Artificial Intelligence and related fields.

All certifications and progress documented on [LinkedIn Profile](#)

TECHNICAL SKILLS

- **Languages:** Python, Java
- **Frameworks:** TensorFlow, PyTorch
- **Concepts:** Machine Learning, Deep Learning, Neural Networks
- **Tools:** GitHub (for project hosting and version control)
- **Cybersecurity:** Basics of system defense and attack simulation
- **Other Skills:** Data Analysis, Problem Solving, Teamwork, Leadership