

Khaled Aboukouta

High School Student

6th of October - First District, Giza, Egypt

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Profile

Highly motivated student with hands-on experience in AI research, machine learning projects, and technical tutoring. Proven ability in teamwork, problem-solving, and applying technical skills in real-world scenarios. Passionate about advancing computer science knowledge and contributing to impactful technology solutions.

Education

American Diploma, GPA: 3.85

Leaders International School, Gharbia, Egypt

Sept 2022 – Jun 2025

Skills

Technical Skills

- Proficient: Python, Data Structures & Algorithms, Problem Solving, HTML/CSS
- Familiar: PyTorch, TensorFlow, Scikit-learn, MATLAB, Tailwind CSS, C++

Soft & Management Skills

- Project Management, Teamwork & Communication, Analytical Thinking, Tutoring & Mentorship

Extracurricular Activities

ICPC Club — Member, Level 1 Student

Dec 2025 – Present

- Currently learning problem-solving strategies, algorithms, and programming concepts as part of ICPC club training.
- Developing skills to progress through ICPC levels and prepare for future competitions.

AI Microchip Implant — Junior Researcher

Sep 2025 – Jan 2026

University Research Center, Supervised by Dr. Ibrahim Zaghloul

- Assisted in AI-based neural signal analysis research.
- Contributed to data preparation, preliminary model testing, and technical documentation.
- Collaborated in a team of 5 researchers under direct supervision.

IEEE Operation Team — Operator

Nov 2025 – present

- Organized and hosted an IEEE university event for members under 18.
- Coordinated competitions and managed prize distribution for 50+ participants.

IEEE Technical Team — Web Development Tutor

Nov 2025 – Present

- Tutoring 20 beginner students in HTML, CSS, JavaScript, and MongoDB.
- Designing interactive exercises and projects for skill application.

Pre-Calculus & Calculus 1 — Tutor

2024 – 2025

- Tutored classmates in mathematical concepts at Leaders International School.
- Prepared examples and exercises to improve analytical skills.

Courses & Certifications

- HCIP for AI Engineers, Huawei Aug 2024
- Basic Mathematics (Linear Algebra, Probability, Statistics), Huawei Jul 2024

Languages

- English: IELTS 6.5
- Arabic: Native Speaker