

Ahmed Nabil Awadallah

+201126105769 | Cairo, Egypt | ahmadnabiled@gmail.com | github.com/ahmednabiled | linkedin.com/in/ahmednabiled

Experience

AI Engineering Intern

August 2026 – present

KanzMS

- Worked on SDD programming and the development of an internal AI agent.
- Utilized AI agents to code internal tools, including a tool for automating designs.
- Addressed issues related to the LLM proxy, monitoring, and observability.

Open-Source Contributor

February 2026 – April 2026

Mesa (GSOC Preparation)

- Contributed to the agent-based modeling framework by exploring local LLMs, adding tests, and fixing bugs, demonstrating adaptability, proactive problem-solving, clear communication, and effective collaboration with project maintainers.

Data Science Member & Supervisor

January 2024 – Present

CAT Reloaded

- Supervised and mentored newcomers in data science, providing guidance on projects and tasks with leadership and patience.
- Participated in technical workshops and stayed up-to-date with industry trends, demonstrating curiosity and continuous learning.

Projects

Aya-Share

December 2025

Developed a video generation web application that rapidly converts Quran audio into video content. Engineered the platform to allow users to share outputs directly to social media, eliminating the need for video editing skills. [\[Watch Demo\]](#)

Basket Finder

February 2024

Developed a cross-platform app using **Flutter** and **Firebase** that maps nearby garbage baskets to reduce littering. Integrated a crowd-sourced, self-moderated system with credibility scoring to validate location accuracy. [\[Watch Demo\]](#)

Flappy Bird AI with NEFT Algorithm

December 2024

Implemented an AI agent capable of playing Flappy Bird using the Neuro-Evolution of Fixed Topologies (NEFT) algorithm, without external ML libraries. [\[Repo Link\]](#)

Key Skills and Tools

- **Programming Languages:** Python, C++, C, SQL
- **Core Skills:** Machine Learning, Deep Learning, Data Science, Object-Oriented Programming, Algorithms, Data Structures, Operating Systems
- **Frameworks & Libraries:** PyTorch, NumPy, Pandas, Django
- **Tools:** Git, GitHub, VS Code, Linux, Obsidian, Typst, Xournal++

Education

Mansoura Faculty of Engineering

Egypt, Mansoura

B.Sc. in Computer and Control Systems Engineering

October 2022 – June 2027

- Cumulative GPA: 4.0/4.0
- Relevant Coursework: Data Structures, Operating Systems, Linear Algebra, Multivariable & Single Variable Calculus.

Extracurriculars

- Founded NIQRA, a startup for manufacturing workspace accessories March 2026
- Solved 300+ problems on LeetCode, Codeforces, and VJudge
- Participated in ECPC (Egyptian Collegiate Programming Contest) June 2024
- Recorded 50+ technical tutorials on YouTube covering deep learning, Linux, and other technical topics