

Abdullah Mahmoud

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Professional Summary

Aspiring Data Scientist and third-year Computer Science student specializing in Machine Learning and Generative AI. Experienced in leveraging Python, SQL, and LLMs to extract insights and build data-driven solutions. Passionate about bridging the gap between cutting-edge AI technologies and real-world business challenges to drive enterprise digital transformation.

Technical Skills

- **AI & Machine Learning:** Generative AI (GenAI), Large Language Models (LLMs), Scikit-learn, Statistical Modeling
- **Languages:** Python (Pandas, NumPy), SQL, C++
- **Data Analysis:** Power BI, Advanced Excel (Advanced Formulas, Subtotals), Data Cleaning, EDA
- **Business Skills:** Business Problem Solving, Analytical Mindset, Technical Writing
- **Tools & Platforms:** Git, GitHub, VS Code, Jupyter Notebooks

Education

B.Sc. in Computers and Artificial Intelligence (FCAI) | Expected 2028

Helwan University | Cairo, Egypt

- **Relevant Coursework:** Data Structures, Algorithms, Statistics, Database Systems, Software Engineering, Practical Mathematics for Data Science.
- **Current Standing:** Entering 3rd Year | GPA: 3.4 (Completed 55 Credit Hours)

Experience & Training

Generative AI Summer Internship Program

Commercial International Bank (CIB) | July 2026

- Completed an intensive internship focusing on the architecture and application of Generative AI systems.
- Explored the integration of LLMs and AI tools to optimize enterprise workflows and drive digital transformation initiatives.

Machine Learning Engineer Track

Digital Egypt Builders Initiative (DEBI) | July 2026 – Present

- Selected for a rigorous 6-month technical training program in machine learning, accommodating 4 days of technical training per week.
- Developing hands-on expertise in building, evaluating, and deploying machine learning models for data-driven problem solving.