

Muhammad Fathi Kamal Ahmed

DATA SCIENTIST

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Objective

Ambitious Computer Science student at **Ahram Canadian University** specializing in **Artificial Intelligence**. Currently advancing skills through the **AI & Data Science program under the Digital Egypt Pioneers Initiative (Ministry of Communications, Egypt)**. Proficient in **Python**, **data analysis**, and **machine learning fundamentals**. Demonstrated leadership in academic projects with a passion for applying data-driven solutions to solve complex real-world challenges.

Professional Experience

AI & Data Science Trainee – Digital Egypt Pioneers Initiative (Ministry of Communications, Egypt)

Jul 2025 – Dec 2025

- Designed, developed, and validated machine learning models using Python, improving predictive accuracy by 12%.
- Processed, cleaned, and analyzed large datasets (1,000+ records) to extract actionable insights supporting strategic decision-making.
- Created data visualizations and detailed statistical reports to effectively communicate findings to stakeholders.
- Collaborated with cross-functional teams to deploy AI solutions, solving practical challenges and enhancing operational efficiency.

Team Leader – Academic Projects – Ahram Canadian University

Oct 2023 – Present

- Directed multiple software development projects, ensuring consistent on-time delivery and adherence to quality standards.
- Led and mentored a team of 4-6 members with diverse technical skills, boosting team productivity and collaboration.
- Developed and optimized software applications using C++ and C#, improving algorithm performance by 15%.

Education

Ahram Canadian University – Bachelor of Computer Science & Information Technology
Oct 2023 – *Expected Graduation* **Oct 2027**

- **Concentration:** Artificial Intelligence (starting Year 3)
- **Relevant Coursework:** Data Structures, Algorithms, Operating Systems, Probability & Statistics, Information Systems Analysis & Design, Event-Driven Programming, Logic Design, Linear Algebra, Calculus, C++ OOP, Data Communications

Skills

- **Technical Skills:**
 - 1) **Programming Languages:** C++, C#, Python (beginner in AI & Data Science)
 - 2) Object-Oriented Programming (OOP)
 - 3) Data Structures & Algorithms
 - 4) Event-Driven Programming (Desktop Applications)
 - 5) Information Systems Analysis & Design
 - 6) Operating Systems & Data Communications
 - 7) **Mathematics for Computer Science:** Linear Algebra, Calculus, Discrete Mathematics, Probability & Statistics
- **Soft Skills**
 - 1) Leadership & Team Management (Team Leader in university projects)
 - 2) Strong Communication & Presentation Skills (British Council certified)
 - 3) Problem Solving & Critical Thinking
 - 4) Time Management & Organizational Skills
 - 5) Building Strong Relationships with Faculty and Team Members

Certifications

- Python Essentials 1 – **Cisco Networking Academy** (Jun 11, 2025)

Languages

- Arabic (Native)
- English (Professional Proficiency)