**Fady Maged ِAnnise**

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## Career Objective

From a young age, I have been fascinated by how technology solves problems and creates opportunities. This passion led me to pursue a Bachelor’s degree in Computer Science, specializing in Data Science and Artificial Intelligence, at Alexandria National University. Along the way, I discovered a strong interest in Web Development, where I enjoy building user-friendly and functional applications. Through academic projects, online certifications, and self-driven learning, I have developed skills in data analysis, machine learning, and full-stack web development. I am eager to apply this combined knowledge to real-world projects, contributing as both a problem solver and an innovative software developer.

## Education

Alexandria National University – Bachelor’s in Computer Science (Data Science & Artificial Intelligence)
2024 – 2028 (Expected)
Building strong foundations in programming, data analysis, artificial intelligence, and web development. Academic work includes projects in machine learning, statistical analysis, and full-stack web development, with a focus on practical applications and problem-solving.

## Experience

Data Analysis Specialist Trainee – Digital Egypt Pioneers Initiative (DEPI, powered by Google)
2025 (In Progress)
- Selected to join DEPI as a Data Analysis Specialist, focusing on developing advanced analytical skills.
- Training includes data collection, cleaning, visualization, and storytelling using tools like Excel and Power BI.
- Working on real-world case studies to extract insights and support business decision-making.

## Courses

Introduction to Data Science – Cisco
Issued Dec 2024
Completed Cisco’s Introduction to Data Science course, covering the fundamentals of data collection, cleaning, analysis, and visualization. Learned how to apply essential tools and concepts to extract insights and support data-driven decision making.

CS50’s Introduction to Computer Science – Harvard University
Issued 2024
Completed Harvard’s CS50, a rigorous introduction to computer science covering algorithms, data structures, C programming, Python, SQL, and web development. Strengthened problem-solving skills through hands-on projects and programming assignments.

## Skills

Technical Skills:
- Data Analysis: Excel, SQL, Power BI, DAX, Python, R, Data Visualization
- Web Development: HTML, CSS, JavaScript, React, Next.js, Responsive Design, UI/UX Principles

Soft Skills:
- Problem-Solving & Analytical Thinking
- Teamwork & Collaboration
- Adaptability & Time Management
- Communication & Presentation Skills
- Curiosity and Continuous Learning

Languages:
- Arabic (Native)
- English (Advanced)

## Projects

MoboGo – Mobile Recommendation Web App
Role: Developer
Technologies: PHP, MySQL, HTML, CSS, JavaScript
- Built a dynamic website to manage and display mobile phone categories and products.
- Designed and implemented database structure, enabling efficient storage and retrieval of product data.
- Created user-friendly interfaces with responsive design for better accessibility across devices.

University Management System – Java Project
Role: Developer
Technologies: Java, SQLite, JavaFX/Swing
- Developed a management system to handle entities such as universities, faculties, courses, and students.
- Implemented CRUD operations and database connectivity to ensure smooth data management.
- Designed GUI components for an intuitive user experience.

Data Analysis Project using Power BI
Role: Data Analyst
Technologies: Power BI
- Transformed raw messy data into a clear business story by cleaning, fixing missing values, removing duplicates, and standardizing fields.
- Merged multiple data sources and created calculated measures to enhance insights.
- Performed exploratory analysis to uncover trends and patterns.
- Built an interactive dashboard with KPIs, filters, and visuals to make insights easy to explore and act upon.

Data Analysis Project using Excel
Role: Data Analyst
Technologies: Excel
- Conducted full data analysis process from raw data to dashboard creation.
- Performed data cleaning and preparation: removed duplicates, fixed missing values, standardized column names, and ensured accuracy.
- Built a comprehensive data dictionary to define each field clearly.
- Applied formulas, pivot tables, and calculated fields for transformation and exploration.
- Designed an interactive Excel dashboard with charts, KPIs, and slicers to present insights in a user-friendly way.

## Extracurricular Activities

- Member – Digital Egypt Pioneers Initiative (DEPI): Participated in a government-led program powered by Google to develop digital and analytical skills.
- Volunteering: Engaged in community service and student activities that strengthened teamwork, leadership, and communication.
- Hackathons & Competitions: Took part in coding challenges and problem-solving events to sharpen technical and analytical thinking.
- Continuous Learning: Active learner in online platforms (Coursera, edX, Udemy) to expand knowledge in web development, data analysis, and AI.