

# Ziad Nasser Amin Ismail

Entry Level Data Analyst

Cairo, Egypt

+20-1288499482 | zyad.nasser.10@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

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## Career Objective

Motivated and detail-oriented Computer Science & Artificial Intelligence graduate with a solid foundation in data analysis. Proficient in Excel and SQL. Eager to apply analytical skills to derive actionable insights and support data-driven decision-making. Seeking an entry-level Data Analyst job to gain real business experience.

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## Education

**Bachelor's degree in Computer Science** | Cairo University

Oct 2020 – Feb 2025

- Decision Support and Operations Research Department
- GPA: 2.46 (Good)
- Graduation Project: Non-Alcoholic Fatty Liver Disease | [\(GitHub\)](#)

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## Courses

• **IBM Data Analyst Professional Certificate** | Coursera | 151 hrs | [Certificate](#)

Jun 2023 – Aug 2023

Course Details:

- **Introduction to Data Analytics** | 10 hrs | [Certificate](#)
- **Excel Basics for Data Analysis** | 11 hrs | [Certificate](#)
- **Data Visualization and Dashboards with Excel and Cognos** | 15 hrs | [Certificate](#)
- **Python for Data Science, AI & Development** | 25 hrs | [Certificate](#)
- **Python Project for Data Science** | 8 hrs | [Certificate](#)
- **Databases and SQL for Data Science with Python** | 20 hrs | [Certificate](#)
- **Data Analysis with Python** | 15 hrs | [Certificate](#)
- **Data Visualization with Python** | 20 hrs | [Certificate](#)
- **IBM Data Analyst Capstone Project** | 27 hrs | [Certificate](#)

• **Data Analysis Foundations** | Egypt FWD | 8 Weeks | [Certificate](#)

Jul 2022 – Aug 2022

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## Projects

**Multi-Channel Queue Simulation System for a Petrol Station** | [\(GitHub\)](#) | C++, OOP, Python

Dec 2024

- Developed a discrete-event simulation system based on OOP principles for a multi-channel queue at a petrol station, analyzing customer behavior and service efficiency.
- Developed an experimental design to evaluate queue dynamics, service times, and waiting times across different fuel types.
- Performed results analysis using statistical graphs to determine queue lengths, waiting probabilities, and pump idle times.
- Built comprehensive documentation, detailing problem formulation, system components, experimental parameters, results analysis, and conclusions.

**Bank System Database Management Project** | [\(GitHub\)](#) | SQL, C#

May 2024

- Designed a conceptual and physical Entity-Relationship Diagram (ERD).
  - Developed a SQL Server database from the ERD and populated it with sample data.
  - Built a C# desktop application to interact with the database.
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# Skills

<u>Technical skills:</u>	<u>Soft Skills:</u>	<u>Languages:</u>
• Excel	• Collaboration	• Arabic: Native
• SQL	• Team Work	• English: Intermediate
• C++	• Leadership Skills	
• OOP		

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## Personal Information

- Military Service: Exempted.
- Marital Status: Single.
- Data of Birth: 12/12/2001.
- Interests: Watching & analyzing football matches.