Ruqaya Atef Bayoumi Shadeed

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SUMMARY

Computer and Information Sciences student at Assiut University with a strong focus on Data Science, Artificial Intelligence, and software development. Level 3 graduate of the Egypt Cubs Initiative (DECI) scholarship by the Ministry of Communications and Information Technology (MCIT), with hands-on experience in machine learning, data analysis, Kaggle projects, and front-end development. Currently working as CMO & IT Specialist at CMT Egypt, managing marketing strategy, digital presence, and IT support. Demonstrated versatility through technical and non-technical roles, educational assistance, and competitive athletics, including national-level volleyball achievements, showcasing adaptability, teamwork, and a strong work ethic. Passionate about leveraging technology to solve real-world problems and continuously enhancing skills in programming, analytics, and innovation.

EDUCATION

Assiut University *September 2025 - Present*

Bachelor of Computer and Information Sciences (CS)

Currently in the First Year, focusing on foundational computer science concepts, programming, and mathematical principles.

Key Courses: (Introduction to Computer Science - Programming Fundamentals - Mathematics for Computing - Information Systems).

WORK EXPERIENCE

CMT-Egypt *August 2024 - Present*

CMO & IT Specialist

- Provided technical support and system troubleshooting, including OS-level issue diagnosis, software configuration, and user access management.
- Assisted in maintaining IT infrastructure, including hardware setup, software deployment, LAN/Wi-Fi networking, and basic cybersecurity practices.
- Managed and optimized the company's digital systems and tools, ensuring system reliability, data integrity, and operational efficiency.
- Led and executed the company's marketing strategy, overseeing digital branding, content management systems (CMS), analytics tracking, and online performance optimization.

Smart Clinic (Software Company) *June 2025 - Present*

Customer Service Representative

- Provided technical and non-technical support for users of a SaaS-based healthcare software system, assisting with system navigation, user access, and feature configuration.
- Troubleshot software-related issues, identified bugs, and escalated technical incidents to the development team to ensure system reliability and performance.
- Communicated with clients to explain software functionalities, workflows, and data management processes, ensuring effective system usage and customer satisfaction.

Physics Academy *July 2023 - February 2024*

Physics Assistant

- Assisted students in understanding core physics concepts using analytical problem-solving and mathematical reasoning.
- Supported lesson preparation and delivered clear, structured explanations to simplify complex topics.
- Monitored student progress and provided individual academic support, reinforcing concepts through practice exercises and feedback.

Front-End Developer *December 2021 - February 2023*

Freelance

- Designed and developed responsive user interfaces using HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility.
- Translated client requirements into user-friendly web pages by applying UI/UX principles, DOM manipulation, and basic client-side logic.
- Implemented interactive features and basic animations using JavaScript and CSS transitions, enhancing user engagement and experience.

SCHOLARSHIPS & ACADEMIC PROGRAMS

Ministry of Communications and Information Technology (MCIT) *December 2023 - June 2024*

Egypt Cubs Initiative (DECI) Scholarship - Level 3 Data Science & AI

- Completed an intensive scholarship focused on Data Science and Artificial Intelligence.
- Gained hands-on experience in data analysis, machine learning fundamentals, and working with real datasets.
- Participated in team-based and individual projects emphasizing problem-solving and practical application.

PROJECTS

Car Price Prediction (Machine Learning Project)

Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

E-commerce Customers Analysis (Linear Regression)

Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Black Friday Sale – Exploratory Data Analysis (EDA)

Python, Pandas, NumPy, Matplotlib, Seaborn

Food Choices Dataset - Kaggle Project

Python, Pandas, NumPy, Matplotlib, Seaborn

Guess My Number (Front-End Game)

HTML, CSS, JavaScript, DOM Manipulation

Wuzzuf Job Listings Scraper

Python, BeautifulSoup, Requests, Pandas, CSV

Twitter Clone (Front-End Project)

HTML, CSS, Responsive Design

EXTRACURRICULAR ACTIVITIES

Entrepreneurship & Innovation

- **DECI-IBM AI Bootcamp - Team Leader** | Led a team to achieve **1st place among 22 teams** by developing an AI-based solution and delivering the final presentation.
- **CMT Egypt - Chief Marketing Officer (CMO)** | Led marketing strategy, branding, and external communications to support company growth and partnerships.
- **Nile University Entrepreneurship Competition - CMO** | Guided a startup project to secure **3rd place among 40+ teams** through business modeling and pitching.

Events, Organization & Volunteering

- **NASA Space Apps Obour - PR Organizer** | Coordinated outreach, event publicity, and social media communication with participants and partners.
- **EGNITE - Organizing Committee Member** | Supported event organization, logistics coordination, and participant management.
- **HUMANFIRST Forum 2025 - Organizing Committee (PR Team)** | Managed professional communication and outreach for a global hackathon, supporting coordination between mentors and participants.

Technical & Academic Communities

- **ICPC Assiut Community - Student Member** | Actively participated in competitive programming activities and problem-solving workshops.
- **Kaggle Expert - Developer** | Worked on multiple Kaggle datasets and projects related to data analysis and machine learning.

Athletic Activities & Volleyball Career

- **Egyptian Schools Volleyball Championship - National Bronze Medalist (3rd Place)** | Achieved **3rd place nationwide**, representing school at the national level.

- **Cairo Volleyball Governorate Competition - Silver Medalist & National Qualifier** | Secured **2nd place** at the governorate level and qualified for the national finals.
- **Cairo Youth & Sports Directorate - Distinguished Athletic Participation** | Recognized for consistent participation and strong performance in regional sports activities.

Cultural & Personal Excellence

- **Educational District - Ideal Student Award (1st Place)** | Recognized for academic excellence, leadership, and personal integrity.
- **Performing Arts & Theater | Cairo Governorate - 1st Place** | Won **1st place** at the governorate level in theatrical performance.
- **Cultural Activities & Intellectual Programs - Distinction Award** | Awarded for active contribution to cultural and intellectual initiatives.

SKILLS & INTERESTS

Programming & Development: Python, C++, HTML, CSS, JavaScript, SQL, PHP, Laravel, MySQL, Git, VS Code.
Data & Machine Learning: Pandas, NumPy, Matplotlib, Scikit-learn, data analysis, web scraping (BeautifulSoup).
Analytical & Mathematical Skills: Linear algebra, probability & statistics, algorithms, problem-solving, logical reasoning.
Language Skills: Arabic: Native Speaker - English: B2 - German: A2.
Interests: Web & software development, machine learning, competitive programming, tech innovation, and continuous learning.