

Sara Sadoun

 Aswan, Egypt

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Education

Bachelor of Computers and Systems Engineering

Faculty of Engineering, Aswan University

Graduation: May 2025

Professional Summary

Motivated and detail-oriented computer and systems engineering graduate with a foundation in software development, database management, cloud computing, and industrial automation. Proficient in programming languages including Python, Java, and C++. Skilled in MySQL, computer architecture, networking fundamentals, and software engineering principles. Experienced in ladder logic for PLC programming and familiar with Microsoft Azure and AWS platforms. Demonstrates leadership and communication skills through participation in international conferences. Committed to continuous learning and ready to contribute to innovative technical projects.

Technical Skills

- Programming Languages: Python, Java, C++, HTML
- Databases: MySQL (design, queries, optimization)
- Cloud Platforms: Microsoft Azure, AWS (basic deployment and services)
- Computer Architecture: CPU design, memory hierarchy, instruction sets, RISC, CISC, SUPERSCALAR, etc.
- Networking Basics: OSI model, TCP/IP, IP addressing, routing fundamentals
- Software Engineering: SDLC, design principles
- Data Science Basics: Data processing, basic statistics, Python libraries (pandas, matplotlib)
- PLC & Automation: Ladder logic programming for industrial control systems
- Microsoft Tools: Word, Excel (pivot tables, charts), PowerPoint, Teams, Outlook

Languages

- English – IELTS Score: 6.5 (B2 Level, 2019), TOEFL Score: 93 (B2 LEVEL, 2020)

Certificates & Conferences

- Women2Women Egypt Leadership Conference – July 2019
- NASA Space Apps Cairo Hackathon – October 2019

Graduation Project

University Website (Graduation Project)

Aswan University

- Developed a full-stack university website with both **frontend and backend** features.
- Used **HTML/CSS, JavaScript, and PHP** for the interface and backend logic.
- Designed and managed the **MySQL database** to handle user accounts, admissions, and course data.
- Enabled a secure system for **teachers to connect with student admissions**, view applications, and manage course-related records.
- Focused on usability and integration with the university's academic workflow.