

# Mario Magdy

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## Education

### Misr International University

Cairo, Egypt

Major: Computer Science , Minor : Artificial Intelligence , GPA:3.37

Sept 2021 - June 2025

- **Courses:** Intro to Computer Science, Problem Solving, Math, Computer Organization , Digital Logic Design, Object Oriented Programming (Java), Data Structures (C++), Data Base (SQL), Algorithm Analysis (C++) , Web Development (MERN full Stack), Operating System (Linux), Networks, Digital Media Marketing

### Sahara International School (SIS)

Cairo, Egypt

IGCSE - 97.5%

May 2010 - May 2020

## Work Experience

### Coca-Cola HBC

Cairo, Egypt

HRIS - SoftWare Testing Intern

Jul 2023 - Sep 2023

- Developed and executed comprehensive testing scenarios to ensure the seamless integration of SAP, focusing on data accuracy and process efficiency.
- Utilized SAP for HR tasks including hiring, termination, and transferring of employees, demonstrating meticulous attention to detail and adherence to compliance standards.
- Managed responsibilities across multiple geographical areas including Cairo, Giza, and Alexandria, showcasing strong organizational skills and the ability to effectively handle diverse tasks.
- **Technical Skills:** SAP, Workday, Integration Testing, Data Management
- **Soft Skills:** Problem Solving, Customer Focus, Adaptability, Teamwork

### Credit Agricole

Cairo, Egypt

Software Development

Aug 2023 - Sep 2023

- Created a specialized website catering to disabled individuals, enabling them to apply for bank offers with enhanced accessibility and ease.
- Collaborated with UX/UI designers and backend developers to ensure a user-centric and inclusive approach.
- Introduced AI-powered text extraction from uploaded CVs, enabling advanced filtering of job offers
- **Technical Skills:** Bootstrap, Figma, Github, MERN Stack
- **Soft Skills:** Problem Solving, Critical Thinking, Leadership, Working Remotely

### Information and Communication Technology

Cairo, Egypt

Teacher Assistant

Sept 2020 - Current

- Assisted teaching activities: Aided in planning, grading, and delivering lessons. Organized events and programs, fostering social skills.
- Tailored academic support: Helped students with learning challenges, simplified complex topics, and communicated progress to parents.
- **Technical Skills:** Microsoft Packages
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

## University Projects

### Real estate Web Application

Cairo, Egypt

Web Development

Feb 2023 - June 2023

- Our web application revolutionized the real estate industry by providing a comprehensive platform that catered to the needs of buyers, sellers, and agents. Using the power of the MERN stack, we created a user-friendly interface with seamless navigation and efficient data management.
- This project not only honed my technical skills in MERN stack development but also showcased my ability to lead a team, manage deadlines, and deliver outstanding results. The experience gained from this project solidified my expertise in full-stack web development and enhanced my problem-solving abilities.
- **Technical Skills:** Html , Css , JavaScript , Express.js , React.js , Node.js , NonSQL MongoDB , Deployment using Linux.
- **Soft Skills:** Manage Deadlines, Teamwork, Problem Solving, Project Leading.

### Bank Management System

Cairo, Egypt

Object Oriented Programming

Sep 2022 - Jan 2023

- Designed and developed a robust bank management system as a prominent university project, leveraging the power of Java and JavaFX. This comprehensive application effectively handles various banking operations, including customer management, account transactions, and report generation. With a user-friendly interface and intuitive navigation, the system facilitates seamless interaction and efficient data management.
- **Technical Skills:** Java, JavaFX, File Management.
- **Soft Skills:** Problem Solving, Teamwork, Logical Thinking.

## Sudoku Solver Board Game

Cairo, Egypt

Data Structures

Sep 2022 - Jan 2023

- Developed an advanced Sudoku solver utilizing state space tree as the underlying data structure and implementing backtracking algorithm for efficient solving. Leveraged Qt framework to create a user-friendly interface, enhancing the usability and visual appeal of the application.
- **Technical Skills:** algorithm design, data structures(C++), and Qt development
- **Soft Skills:** Problem Solving, Report Writing using Latex

## Skills

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**Programming** C/C++ , Java , Java FX , Java Script , HTML , Css , SQL

**Miscellaneous** Linux, ReactJs , ExpressJs , NodeJs , MongoDB , Photoshop , Microsoft Office Packages, Git,GitHub, Shell Programming , Verilog  
Circuit Design , Oracle APEX,SAP ERP, QT Cross Platform , CLR Windows Form UI

**Soft Skills** Time Management, Teamwork, Problem-solving, Documentation, Presentation Skills , Decision-making , Critical Thinking

## Achievements

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2023 **1st Place**, Web Development (Real Estate Project)

Egypt

2019 **3rd Place**, Drums Player in 57357

Egypt

## Languages

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**English** Native proficiency

**Arabic** Native proficiency

References available upon request.