

# Mohamed Ibrahim

Data scientist – RPA Developer -Front End

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🌐 [banhamedo](https://banhamedo.com)

🌟 Delayed

📅 12/9/2004

## About me

Highly skilled Web Developer, Data Analyst, and Data Scientist with diverse experience in web development, data analysis, hardware/software solutions, and Robotic Process Automation (RPA). Known for transforming innovative ideas into practical and efficient solutions. Adept in modern programming languages, analytical tools, and creative technologies, with a strong passion for continuous learning and impactful results.

## Education

I study at Helwan International Technological University at Misr International College of Technology in the third year specializing in data science.

## Training & Certifications

- **Certificate of experience in Machine learning from the Egyptian Space Science and Monitoring Authority**
- **Business analysts** – A **Business Analyst** serves as a key link between business objectives and IT solutions. Their role involves analyzing business processes, identifying areas for improvement, and ensuring organizational goals are met through data-driven insights, clear communication, and strategic technical solutions. They play a critical role in driving business growth and operational efficiency.
- **SQL Certificate** – *Mahara Tech*  
Gained strong understanding of database concepts, queries, joins, and SQL optimization.
- **Python Certificate** – *Mahara Tech*  
Covered fundamentals of Python programming including data types, control flow, functions, and basic data analysis.
- **Front-End Development Certificate** – *Mahara Tech*  
Learned HTML, CSS, and JavaScript to build responsive and interactive web pages.
- **Analys tools** -*Mahra Tech* Learn a lot of thigs for this part with my self

## SOFT SKILLS

- **Problem-Solver**
- **Collaborator**
- **Highly Adaptable**
- **Backup and Recovery:** Data Backup Procedures
- **Good at speaking and communicating information**

# Technical Skills

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- **Operating Systems:** Windows, Linux (Ubuntu)
- **Networking:** TCP/IP, DNS, DHCP, Firewalls
- **Python programming**
- **Python for Data science**
- **Front – End**
- **OOP**
- **Troubleshooting:** Hardware and Software Issues, Network Problems
- **Backup and Recovery:** Data Backup Procedures
- **Scripting and Automation:** Basic PowerShell, Python,
- **Remote Administration:** Remote Desktop, SSH
- **Back End**
- **MySQL**
- **RPA**

## Projects

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### - **RFID Attendance**

- An automated system for attendance tracking and academic data analysis using RFID technology.

### - **Degree student system**

- system automates attendance tracking, provides analytics, and monitors academic progress through ID scanning.

### - **RPA Automated System**

A fully automated attendance system combining UiPath, Google Forms, Python, and QR Code technology. It allows users to submit attendance via Google Forms, with UiPath automating data collection. Python validates and stores the data while generating real-time reports. Unique QR codes are created and emailed to participants, making the process efficient, accurate, and seamless.

### -**Recycling web app**

promotes recycling by linking users to nearby centers and incentivizing sustainable waste disposal.

# Interpersonal Skills

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- Problem Solving & Critical Thinking
- Collaboration
- Time management
- Teamwork
- Excellent communication skills
- Fast Learning & Adaptability
- Research & Creativity
- Networking

# Languages

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<b>Arabic</b>	<b>Native</b>
<b>English</b>	Intermediate