ZIAD
ALBADRY

IT ENGINEER

Contact

Alexandria, Egypt

01285864248

https://www.linkedin.com/in/ziad-albadry-732866243

ziadalbadry16@gmail.com

Soft Skills

Organization and Event Management
●●●●●●○○○

Analytical Thinking and Problem Solving
●●●●● ○

Creativity
●●●●●●○○○

Self-Learning
●●●●●●○○

Languages

- **Arabic: Native proficiency**
- **English: Proficient (C1)**
- **Italian: Conversational proficiency (Reading, Speaking)**
- **German: Basic proficiency (A1.2 Level)**

About Me

My name is Ziad Mohamed Ali Al-Badry, and I am a 19-year-old student majoring in Information Technology at Borg El-Arab Technological University. I have a deep passion for technology, programming, and community development. In my role as the Vice Head of the Organizing Committee (OC) for the IT Club, as well as a volunteer with UNESCO's Future Club and an engaged member of the National Alliance for Civil Development Work, I have honed my leadership, organizational, and problem-solving abilities. I am dedicated to lifelong learning and actively pursue opportunities that allow me to contribute to impactful projects and foster my personal growth.

Education

Jaber Ibn Hayyan Official Language School
2011 - 2023
Abu Bakr El-Seddiq Official Language School

Borg El Arab Technological University
2023 - 2027
Bachelor of Technology

Skills

- **Technical Skills:**
- Programming: **Web Development (Frontend & Backend) , Python, C++, Arduino**
- **IoT Systems Development**
- **Raspberry Pi and Computer Vision Applications**
- **Digital Marketing: Social Media Campaigns, Data Analytics**
- **Event Organization: Planning, Coordination, and Execution**
- **Personal Skills: Problem Solving, Creativity, Leadership, Ability to Work Under Pressure**

💼 Work Experience

IOT project (2023-2024)
SMART DEFENCE SYSTEM

- The project involves developing an AI-powered smart defense system designed to track and assess the threat level of passing objects, aiming to enhance national security. The system utilizes an ESP32-CAM microcontroller for managing object detection and tracking, OpenCV for live object tracking, and a pan-tilt mechanism for precise movement and targeting. It features a web-based interface for remote control with live streaming capabilities, ensuring real-time monitoring. Safety measures include limit switches and an emergency stop button. The overall goal is to protect citizens and national interests by effectively addressing transient threats.
- Additionally, I have experience in web development, having built dynamic, user-friendly websites using HTML, CSS, JavaScript, and backend technologies such as PHP and MySQL, with a focus on responsive design and optimized performance.

Organizer
2022-2024

- **Event Planning and Management**
- Gained extensive experience in event planning and management as Vice Head of the Organizing Committee at the IT Club. Responsibilities included coordinating IT-related events, handling client communication, resource allocation, budget management, and logistical planning. Additionally, as a member of the National Alliance for Civil Development Work, contributed to volunteer initiatives in Alexandria, earning recognition for efforts in sustainable development and supporting vulnerable groups.

Summer Trainer
- Children's Technological University (Summer 2024)

- Taught programming basics, including Python and embedded systems like Arduino, to children. Guided them to build and present their own projects by the end of the program.

Volunteer at UNESCO's Future Club

- Actively contributed to the club's initiatives focusing on youth development and technology.

Digital Marketing Specialist
- Al Hefzy Company (2024 - Present)

- Developing and managing online marketing campaigns, analyzing audience engagement metrics, and enhancing brand visibility across multiple platforms.

💼 Internships & Certifications

CIB Summer Internship Program (July 2024)
Completed the "Emerging Talent for the Future Workplace" program, including:

- Digital Transformation and Data Literacy: Gained insights into modern technologies transforming workplaces and enhanced data management skills.
- Human-Centric Interpersonal Skills: Developed soft skills essential for effective communication and collaboration in professional environments.
- Financial Literacy and Entrepreneurial Skills: Acquired foundational knowledge in financial management and entrepreneurship principles.