



YOUSSEF GOMAA

TRAINER

I have been actively engaged as a software member in Luminous, a student activity, where I specialized in C programming, embedded systems, and track. This involvement allowed me to successfully contribute to multiple projects. Furthering my knowledge, I completed a one-month program at ITI with a focus on embedded systems, covering fundamental aspects such as C basics, interfacing, timers, and communication protocols. Progressing within Luminous, I transitioned from a software member to the role of Software Head, leading the team and overseeing project management. Additionally, I enriched my programming skills through a comprehensive Arduino course with Smart Technology. Serving as an instructor for Python and Arduino at BrainynBright Company in the U.A.E., I shared my expertise and contributed to educational initiatives. Currently, I am revisiting Embedded Systems, gearing up for Embedded Linux, and concurrently venturing into Machine Learning and Deep Learning with an ultimate goal of exploring Computer Vision. Alongside my technical pursuits, I actively contributed to Luminous in PR and logistics, managing booths, technical interviews, projects, and events, showcasing my organizational and communication prowess.



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Egypt-Dakahlia-Mansoura

SKILLS

- leadership
- Embedded sys and Programming
- Project Management
- Communication
- Critical Thinking
- Problem-Solving
- Negotiation
- Presentation
- Interpersonal Skills

EDUCATION

SECONDARY SCHOOL

Hamza Bin Abdelmoteleb Secondary
School in U.AE
2021-2022 grade 98.5%

3RD YEAR IN MECHATRONICS ENGINEERING

Mansoura University
GPA 3.85

LANGUAGE

Arabic
English

EXPERIENCE

EMBEDDED SYSTEMS

- I successfully concluded a one-month specialized program in embedded systems at ITI. The comprehensive course covered a range of topics, including a review of C basics, interfacing, timers, and an introduction to communication protocols.
- During this program, I took the lead in an embedded project focused on ATM software development, collaborating effectively within a team. This experience allowed me to refine my Arduino programming abilities, demonstrate proficiency in module integration, and excel in sensor interfacing.
- In addition to the aforementioned project, I undertook several Arduino-based initiatives, such as the development of a fire system and an RC car.
- Furthermore, my contributions extended to the CNC project at Luminous, where I played a pivotal role as a software team member, showcasing my skills and dedication to advancing projects in the field of embedded systems.

ARDUINO AND PYTHON INSTRUCTOR

BrainynBright

- I am a certified engineer who, after undergoing a rigorous month-long training program at BrainynBright in the U.A.E, assumed the role of an instructor for Python and Arduino. As a testament to my performance during this period, I received a letter of recommendation.

STUDENT ACTIVITY

Luminous
2022-2024

Software Head Achievements at Luminous:

1. Committee Restructuring:
 - Successfully implemented a division of the software committee into three specialized sub-committees, optimizing team functionality.
2. Training Plan Implementation:
 - Developed and executed tailored training plans for each committee track, enhancing team members' skills according to their roles.
3. Newcomer Interview Process:
 - Conducted comprehensive interviews for newcomers, ensuring a thorough selection process for the integration of new members into the software team
4. Instructor Role in C Programming:
 - Served as an instructor, imparting knowledge and expertise in the C programming language, contributing to the continuous improvement of team members' technical proficiency.
5. Sumo Project Management:
 - Undertook the role of project manager for the Sumo project, actively participating in an IEEE competition.

PR and Logistics Roles in Non-Technical Affairs:

1. Deal Negotiation and Sponsorship:
 - Worked as a PR member in non-technical affairs, successfully closing numerous deals with sponsors. Demonstrated strong persuasion skills and consistently sought win-win situations.
2. Negotiation Expertise:
 - Possesses a solid understanding of negotiation principles, showcasing proficiency in securing beneficial outcomes for all parties involved.
3. Logistics Management:
 - Fulfilling the role of a logistics member, effectively managing various booths both within and outside the university. Notably, coordinated logistics for events such as "Deltahub."