



YOUSSEF GOMAA

TRAINER

Completed an ITI program in embedded systems, transitioned to instructing Python and Arduino at BrainynBright in the United Arab Emirates, and advanced within Luminous from software member to Software Head.



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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."