



July, 27 1998

Giza , Egypt

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Kirellos_Emad@yahoo.com

Social Links (Active)



Personal Data

Military Status: Awaiting

Marital Status : Single

Pass No. : A20829544

ID:29807271601751

Hobbies

- Listening Music.
- Reading.
- Photography.
- Sports.
- Travel.
- Learning Languages.

Languages

- Arabic: Mother Tongue.
- English : Fluent.
- Deutsch : B1.

Kirellos Emad Samir

Mechatronics Engineer

Seeking an **Internship** in an organization that can enable me to direct my potential towards improving my knowledge in field of **Embedded Systems** and developing my own skills.

Education

- 7/2021 Bachelor's Degree of Mechatronics Engineering**
October 6 University
Cumulative Grade : Very Good
- Graduation Project
Gray Water Treatment Using TRC. (Sponsored:ASRT)
I was the Leader and Control Engineer.
Project Grade : Excellent
- 8/2021 I Have Published a Paper (1166-IUGRC5)**

Hard Skills

- Present Mastering Embedded System (Online)**
Learn in Depth , Egypt
- C Programming
 - Embedded C
 - System Architecture
 - Carrying on Learning..
- 1/2021 Embedded System Diploma**
Amit, Egypt
Grade : Excellent (95%)
- Introduction to Embedded System
 - C Programming Language
 - Embedded Systems Tools
 - Embedded C Programming
 - Interfacing Protocol
 - Real Time Operating Systems
 - Testing and Validation of Embedded Systems
 - Automotive Bus Technology
- Graduation Project**
Smart Home Based Bluetooth , Two ECU's Communicate with Each Other.

Soft Skills

- Excellent Problem Solving.
- Strong Documentation.
- Presentation Skills.
- Work in Dynamic and critical Conditions
- Interested Learn.
- Active Listening.
- Time Management.

Computer Skills

- 2D-Design :
I can make any video effect by Sony Vegas pro that enable me to make presentation that describe my work.
- 3D-Design:
By Solid Works I can model any thing I imagine.

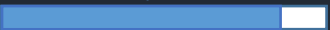
Technical Skills

Software

Microchip Studio



Proteus/Eclipse



VCS(GIT Tool)

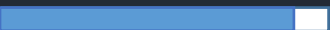


Introduction to Linux



Mechanical

Solidworks



Autodesk(Inventor tool)



Mechanical Design Principles



Electrical

Automation (PLC&Scada)



Electrical (Safety Connection)



Control Units Design



9/2019

European Master's Conference-Attendee

Microchip, HTW Berlin-University of Applied Science
Berlin,Germany.

- Technical Introduction to AVR Microcontrollers.
- CIP Workshop for 32-bit AVR MCUs.
- Using Microchip FPGAs in Low-Power Applications
- maXTouch Controller Software Drivers.

9/2018

European Master's Conference-Attendee

Microchip, HTW Berlin-University of Applied Science
Berlin,Germany.

- Introduction to Embedded Linux.
- Security Challenges and Chip Attack Methods
- A systematic Approach to Embedded System Design.

Certificates

11/2020

Introduction to IOT

Cisco

Introduction to Cybersecurity

Cisco

10/2020

First Advanced Composite Structure Competition (ACSC)

Military Technical College,Egypt

2/2019

Solidworks Advanced Applications

Jeilecom,Egypt

Scada Advanced Applications

Jeilecom & Ain Shams University, Egypt

9/2018

Industrial PLC Advanced Applications

Jeilecom & Ain Shams University, Egypt

7/2018

Industrial PLC Basic Applications

Jeilecom & Ain Shams University, Egypt

2/2018

Solidworks Basic Applications

Jeilecom,Egypt

Classic Control Course

Jeilecom & Ain Shams University, Egypt

Activities

9/2020

IEEE Techincal Manager

O6U SB , Egypt

12/2019

IEEE Robotics and Automation Society Membership

Egypt Section