




Hajar Refky Mustafa Khalifa

 Egypt, 6 of October, High town compound, 68 building
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Career Objective:

Seeking a challenging position within a multinational organization where I can develop both my technical and my personal skills to be a beneficial team member.

Employment History:

- **From Jan 2021 till now:**
Working as a **full-time teacher Assistant** at Delta High Institute for Engineering and Technology, Mansura, Egypt.
- **From Oct 2015 till 2020:**
Working as a **full-time lecturer** at Delta High Institute for Engineering and Technology, Mansura, Egypt.

Educations and Qualifications:

- **Nov 2022:**
Embedded system Diploma.
- **Oct 2021:**
AI Diploma
Has successfully completed the Huawei Certification requirements (test) and recognized as an **AI** (HCIA), Valid through Oct10, 2024.
Validate this certificate's authenticity at
<http://support.huawei.com/learning/verifycertificate>
Certificate No. 01010200185580845449140.
- **Nov 2020:**
Master of Science (**M.Sc.**) degree in Electronics and Electrical Communication Engineering, Menoufia University.
 - **Master title:** "Efficient Energy Protocols in Device-to-Device Communication " in 5G.

- **Aug 2015:**
Bachelor in Electronic Engineering (**B.Sc.**), Delta Higher Institute for Engineering and Technology.
 - **Department:** Electronics and Electrical Communication Engineering.
 - **General grade:** excellent with an honour medal.
 - **Project name:** Minesweeper.
 - **Project degree:** excellent with honors
- Java language program course Faculty of engineering, Mansoura University.
- MATLAB program course, Faculty of engineering, Mansoura University.
- Integrated Circuit course (IC), Faculty of engineering, Mansoura University.

Publications and Researches

- **No1:**

Hajar Refky, Waleed Saad, and Mona Shokair, “An Adaptive Mesh Size (AMS) algorithm for Energy Efficiency maximization in Underlay D2D Communication,” Published in IET Communications, Vol 14, no 8, 2020.
- **No2:**

Hajar Refky, Waleed Saad, and Mona Shokair, “Energy Efficiency Maximization Based on Resource allocation using Link Admission (RALA) Protocol for Underlay D2D Communication,” Published in IET Communications, Vol 14, no 21, 2020.

Skills

- **Programming language:**
 - C-Programming Language.
 - Matlab
 - Embedded C programming.
 - Python
- **Protocols and Standards:**
 - UART.
 - SPI.
 - I2C.
 - LIN.
 - CAN.
 - RTOS.

Languages

- **Arabic:** Mother Language.
- **English:** Good

Personal skills:

- Capable of working in team and got high team spirit.
- Self-study capability.
- Worked as team leader in several teams.

Interests:

- New Technologies such as (6G, Device-to-Device-Communication, AI)
- Cooking
- Reading

Personal information:

- Birth date :20 , 6, 1992
- Nationality : Egyptian.
- Marital Status : Married.

References

- **Prof Mohammed Abu Zahhad:**
Full-time Professor, Faculty of Electronics, Communications and Computer Engineering, E-JUST.
- **Prof. Mona M. Shokair:**
Professor, Dept. of Electronics and Electrical Communications Engineering, Faculty of Electronic Engineering, Menoufia University.
- **Assistant prof. Waleed Saad:**
Dept. of Electronics and Electrical Communications Engineering, Faculty of Electronic Engineering, Menoufia University.