

Asmaa Mohamed Hefny Awd-allah

9th Fadel St, Abdel salam Aref , Beni-seuf, Egypt.

TEL: +2-082-2237008 & **Mobile:** +2-010 123 24 24 1

E-mail: asmaa.hefny@nub.edu.eg

Objective

Seeking a suitable job, that utilizes my abilities and provides me with a new technique that improve my experience.

Education

- March,2023 **M.Sc.** in Electrical Engineering , Communication and Electronics , Minia University.
Thesis Title " Performance Analysis and Improvement of Advanced Optical Communication Networks ".
- May, 2013 **B.Sc.** in Electrical Engineering, Communication and Electronics, Minia University.
Graduation project "VOIP and Cloud computing".
Overall grade: very good.

Work Experience

- Teaching assistant with 6 years of experience at Nahda University (NUB)(2018 – present).
- Teaching assistant with 3 years of experience at "Workers University " (2015 – 2017).
- Graduated from **MCIT (Ministry of Communication and Information Technology)** track of "Networking Security and Management". (17/11/2013 – 17/6/2014).

Courses		
Course	Duration	description
[MCIT] Track of Networking Security and Management	634 Hours From(17 Nov ,2013 To 12 June, 2014)	<ul style="list-style-type: none">➤ A+ : Basics only➤ N+ : network fundamentals, difference bet switches &router➤ Security + : security fundamentals➤ CCNA (200-120) :<ul style="list-style-type: none">○ Able to configure various network protocols [TCP/IP- Static routing- OSPF - EIGRP - RIP- VPN – ACL – VTP]○ 2 - WAN protocols [HDLC-PPP-frame relay]➤ MCSE (Certified) : Microsoft Certified Solutions Expert that includes :<ul style="list-style-type: none">○ 20413B Designing and Implementing a Server Infrastructure○ 20414B Implementing an Advanced Server Infrastructure➤ MCSA (Certified) : Microsoft Certified Solutions Associate windows server 2012 that includes:<ul style="list-style-type: none">○ 2068B Configuring Windows 8○ 20410B Installing and Configuring Windows Server 2012○ 20411B Administrating Windows Server 2012○ 20412B Configuring Advanced Windows Server 2012 Services

[MCIT] Soft Skills	<ul style="list-style-type: none"> ➤ Communication and Presentation skills. ➤ Customer Facing Skills. ➤ Report Writing and Business Correspondence.
(GSM)	<ul style="list-style-type: none"> ➤ “ Global System for Mobile communication ”: GSM network structure – GSM protocols – Digital mobile system
Embedded System	<ul style="list-style-type: none"> ➤ “ Microcontroller Applications ” with micro c. with project - Traffic light intelligent control system.
Software Programming	<ul style="list-style-type: none"> ➤ C# : : Basics only

Training

Year	Company of training	About
2012	Practical training in different sites	mobile and MW links
2011	Upper Egypt Electricity Production	Electrical Distribution
2011	Telecom Egypt	Telecommunication infrastructure
2010	Faculty of engineering , Minia University	Electronics and circuit design

Projects

- **1st year:** simple electronic circuits
- **2nd year:** some Projects : (Auto Traffic - 7 segment - Calculator) by using Microcontoroller .
- **3rd year:** Minesweepers
- **4th year:** (Graduation project) ” VOIP and Cloud Computing ”.
- **12 June ,2014 ➡MCIT graduation project** at Networking “Shortcut Trust Between Mobinil-Link Forests ”

Computer Skills

- **MATLAB**
- **Virtualization programs [VMware + Hyper V]**
- **Network programs [GNS3 + Packet tracer]**
- **C# (beginner)**
- **Ms Excel , Word , Power point , Access**

EXTRA CURRICULAR ACTIVITIES

- One of the founders of the **IEEE branch** in Minia University.
- I was an active member of the **public relations team of IEEE.**
- **Innovation day 2013** with my graduation project.
- I participated in” Minesweepers: Towards a Landmine- Free Egypt” which Organized by the IEEE RAS and Organized by the IEEE RAS and sponsored and hosted by the German University in Cairo (GUC).

PUBLICATIONS

Paper Title	Impact Factor
Fathy M. Mustafa, Asmaa Mohamed, Ashraf A. M. Khalaf, Ahmed F. Sayed, and Moustafa H. Aly, “Dispersion compensation using cascaded apodized CFBGs under MTDM transmission technique: Enhanced system performance”. Opt. Quant. Electrons 55, 32 (2023). https://doi.org/10.1007/s11082-022-04132-6	2.794

References available upon request