Abdelhameed Mohamed Elkhadrgy

Electronics and communication Engineer

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Objectives

A highly motivated Electronics and communication engineer looking for a challenging career in a respected, innovative organization that nurtures my Passion for creating new technologies as well as improving my abilities and technical skills while achieving the organization's goals.

Education

Bachelor of Electronics and communication Engineering, Higher Institute of Engineering and Technology, New Damietta, Egypt, (2020 – 2025)

Accumulative Grade: Excellent

Work Experience

- Coding Instructor at iSchool (**Digital Egypt Marvels Initiative**)
- Physical session Instructor at Udacity (**Digital Egypt Cubs Initiative**)
- Offline coordinator at Almentor (**Digital Egypt Cubs Initiative**)
- Online coordinator at Eyouth

Technical Skills

- CCNA
- Routing & Switching
- Troubleshooting
- Subnetting
- Java Programming Language
- C Programming Language
- Computer Architecture
- Microsoft Word
- Web design
- CCNP
- Network Security
- Infrastructure: LAN/WAN Design
- Embedded C Programming
- AVR Microcontroller interface
- Communication Protocols
- Microsoft Excel
- Python
- Microsoft PowerPoint

- **Software &Tools:**
  Cisco packet tracer – Eclipse – Proteus - Multisim – Circuit wizard – MATLAB – NetBeans – Microsoft office – TEMS

Technical Training

- **Digital Egypt Pioneers Initiative - DEPI - Cisco Network Administrator track** (Jun 2024 – Oct 2024)

  I gained hands-on experience in networking through CCNA and CCNP, covering network configuration, troubleshooting, advanced routing, and security. The program also strengthened my Business English for professional communication and enhanced my soft skills in problem-solving, teamwork, and leadership.

- **Embedded System internship – IMT** (July 2023 – Aug. 2023).
- **Mobile Package Internship - Trust Academy**

Certifications

- CCNA
- CCNP
- Business English
- IMT Internship (Embedded system)
- Mobile Package Internship
- Participation in IEEEXtreme 17.0 Programming Competition
- InnovEgypt program
- Diploma in c programming
- TESTING FOUNDATIONS TRACK backed by Ministry of Communications and Information Technology (MCIT), Egypt
- Digital transformation training
- Web development challenger TRACK backed by Ministry of Communications and Information Technology (MCIT), Egypt

Volunteering Experience

- Gives some Technical workshops in collaboration with university families in Higher institute of engineering and technology in New Damietta.
- Program committee Member at IEEE NDETI Student Branch
- Social Media committee Member at IEEE NDETI Student Branch
- Member at IEEE Egypt AP-S / MTT-S Joint Chapter
- Vice-Head of programming committee at IEEE NDETI Student Branch

Language

- **Arabic:** Native.
- **English:** Very good.

Others

- **Date of Birth:** 30 / 10 / 2002
- **Nationality:** Egyptian
- **Military Status:** Postponed