MAHMOUD HEGAZI

Sohag C | 01032440775 | medo.hagaze@gmail.com | **WWW**: www.linkedin.com/in/mahmoud-hagaze/ |
WWW: m7modhegazy.vercel.app | **WWW**: github.com/M7mod-hegazy

Summary

I'm looking for a job at your respected company that will enable me to use my educational background and practical training in transmission systems, fiber optics to contribute effectively to your team's success while continuing to grow professionally.

- **FTTX – Essentials,** NTI — 7/2026 –10/2026
- **Microwave and Optical Transmission – Advanced**, NTI — 10/2025 – 02/2026
- **Microwave and Optical Transmission – Essentials**, NTI — 04/2025 – 08/2025
- **RF Planning for Mobile Networks: Design and Deployment**, Udemy — 12/2024 – 01/2025
- **Supervised Machine Learning: Regression and Classification**, Coursera — 10/2022 – 01/2023
- **Front-End Web Development Professional**, Udacity — 04/2021 – 10/2021

Skills

Optical Fiber & Transmission Systems

- Optical Fiber Transmission (CWDM, DWDM, GPON, OTN)
- WDM System Design (OADMs, OXCs, DCMs)
- Optical Amplifiers (EDFA, Raman)
- OADM Architectures (FOADM, TOADM, ROADM)
- Transmission Protocols (PDH, SDH, Ethernet)
- Sites Architecture (OTM, OLA, REG, OADM)
- Optical Modules (Transceivers, Mux/Demux, DCM)
- Dispersion (Chromatic, Polarization)
- Microwave and Optical Transmission Systems
- Mobile Transmission Basics

Technical & Development Skills

- Front-End Web Development
- Django Back-End Web Development
- Editing (Photoshop, Illustrator)
- Microsoft Office Suite

Soft Skills

- Time Management
- Problem Solving

Education

Bachelor of electronics and communication engineering   **07/2023**

Institute of Aviation Engineering And Technology (IAET) - Grade: Very Good   Cairo, Egypt

- Graduation Project : Simplified Modem implementation using open source like OpenAirInterface for 4G or 5G - Grade: Excelent

Languages

- **Arabic** - Native
- **English** - Fluent