

ABDELRAHMAN ELHUSEIN ISMAIL

JUNIOR LAYOUT DESIGN ENGINEER | COMMUNICATIONS & ELECTRONICS
ENGINEERING STUDENT

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SUMMARY

Motivated Electrical Engineering student majoring in Electronics & Communications with an Excellent overall grade. Hands-on experience in electronics, robotics, and circuit design. Participated in practical projects including a Line Follower Robot (Aswan, 2024) and Radar System. Skilled in using MATLAB, Altium Designer, and Proteus. Completed CCNA networking training and a Marketing course to expand technical and soft skills.

PROFESSIONAL EXPERIENCE

Engineering Projects and Practical Training 01/2024 – Present

- Participated in designing and building a Line Follower Robot for a practical competition in Aswan (2024).
- Worked on an educational Radar System project, focusing on basic signal detection and circuit design.

Practical Training, Egyptian Telecommunications Center 06/2025 – 07/2025

- Completed hands-on CCNA Networking training at the Egyptian Telecommunications Center
- Applied practical skills in PCB design using Altium Designer and circuit simulation in MATLAB and Proteus.

EDUCATION

Bachelor of in Electrical Engineering, Specialization: Communications & Electronics, Higher Institute of Engineering and Technology, Sohag 09/2021 – 09/2026

- Overall Grade: Excellent

TECHNICAL SKILLS

- MATLAB
- Proteus
- Digital Marketing Basics
- Altium Designer
- Networking (CCNA Basics)

ADDITIONAL INFORMATION

Arabic

Native Speaker

English

Good in Reading, Writing,
Speaking, Listening

ADDITIONAL INFORMATION

Tools

MATLAB, Altium Designer,
Proteus

ADDITIONAL INFORMATION

CCNA Networking Fundamentals

Marketing Basics

PROJECTS

Line Follower Robot, *Aswan, 2024*

01/2024 – 04/2024

- Designed and built a line follower robot for competition.

Radar System

- Participated in the design and testing of a simple educational radar.

PROFESSIONAL SKILLS

- | | |
|---------------------|----------------------|
| • PCB Design | • Circuit Simulation |
| • Robotics Projects | • Team Collaboration |