

SHEHAB ELDEEN AHMED GABER

Alexandria, Egypt

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Shehab Ahmed

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Education

Alexandria University

Sep. 2021 – May 2026

Third year Electronics and Communication Engineering Undergraduate

Alexandria, Egypt

CGPA: 3.52

Experience

Mind Cloud Robotics

October 2022 – Present

Vice Chairman and Software Engineer

Alexandria University, Egypt

- Joined MindCloud as a Software Member in the Autonomous Navigation Subteam, responsible for building a comprehensive navigation system integrating GPS, IMU, LIDAR, and encoder sensors using ROS.
- Achieved third place at UGVC2023 competition.
- Promoted to Software Mentor, leading the development of new systems and enhancements to existing projects.
- Achieved second place at UGVC2024 competition and promoted to Vice Chairman, leading the team to further successes and achievements.

National Telecommunication Institute (NTI)

Aug. 2024 – Sep. 2024

AWS Cloud Internship Trainee

Alexandria, Egypt

- Completed an intensive one-month program, gaining expertise in key concepts and practical applications of AWS Cloud.

Digital Egypt Pioneers Initiative (DEPI)

Oct. 2024 – Present

DevOps Trainee

Alexandria, Egypt

- Joined the DevOps Engineer program, acquiring real-world experience and hands-on skills in DevOps Engineering.

Projects

Front-End App Deployment Project | Docker, Jenkins

2024

- Developed an automated deployment pipeline for a Node.js front-end application using Jenkins and Docker.

A complete Autonomous Navigation System | Python, OOP, ROS, IMU, LIDAR, Encoder, GPS

2023

- Developed a multipoint obstacle avoidance autonomous navigation system on a ground rover using ROS and IMU, LIDAR, Encoder and GPS sensors at MINDCLOUD Robotics.

C problem solving | C

2023

- Solved UVA problems using C language.

Flutter Application to control an RGB | flutter, ESP8266

2024

- Created a flutter application using Dart and VS code including a brightness bar and buttons for controlling the color.
- Linked the ESP8266 code with my flutter app using the ESP WIFI module and ran the app on the web and the mobile successfully.

Matlab Projects | Matlab, appdesigner

2024

- Developed numerous MATLAB labs and projects, including a signal generator, sound communication system, and a power systems project with a GUI.

Awards and Certificates

Second place UGVC achiever

July 2024

Military Technical College

Cairo, Egypt

Third place UGVC achiever

July 2023

Military Technical College

Cairo, Egypt

ETISAL/SIEMENS Automotive Internship

2023

ETISAL/SIEMENS

Alexandria, Egypt

ZEWAIL AI training

2023

ZEWAIL CITY

Cairo, Egypt

WEPCO Summer Training

2023

WEPCO

Alexandria, Egypt

Technical Skills

Languages: Python, C, C++, Dart, VHDL, Matlab, OOP, Data structures, Algorithms

Technologies/Frameworks: Linux, Docker, Terraform, Jenkins, CI/CD, ROS, GitHub, AWS

Organizations

Mind Utopia

2023

Training and Development Staff Member

Alexandria University

- Enhanced communication, presentation, and leadership skills.
- Led a team to mentor and train in presentation technique

SMU

2023 – Present

Projects and Planning committee Staff Member

Alexandria University

- Actively engaged in preparing and delivering professional presentations.
- Participated and prepared for various university events

IEEE SSCS

2023 – Present

Public Relations Staff Member

Alexandria University

- Trained in PR with skills in creating and negotiating professional proposals.
- Trained in conducting effective negotiations and closing successful business deals.

Languages

Arabic: Native

English: High professional fluency