

MAHMOUD EHAB HUSSEIN ELSAYED

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PROFESSIONAL SUMMARY

Recent Electrical Engineering graduate specializing in Computer & Control Engineering with hands-on experience in system administration and automation. Successfully coordinated 25+ technical events and mentored 200+ students with 95%+ satisfaction rates. Proficient in Python, Linux environments, and cloud infrastructure with proven problem-solving abilities through machine learning projects and professional internships.

TECHNICAL SKILLS

Programming Languages: Go, Python, Bash Scripting, C/C++, SQL

Operating Systems: Linux (Ubuntu, Fedora, Debian), Windows, Windows Server 2016

Cloud & Virtualization: Docker, VMware, Cloud Infrastructure Management

Development Tools: Git/GitHub, Visual Studio Code, PyCharm

Network Technologies: TCP/IP, DNS, DHCP, Network Security, Hardware Installation

Office Applications: Microsoft Excel (Advanced), Word, PowerPoint, Data Analysis

EDUCATION

Port Said University, Faculty of Engineering, Port Said, Egypt

2025

Bachelor's Degree in Electrical Engineering, Computer & Control Engineering Specialization

PROJECTS

Snack n' Track: AI-powered Nutrition Tracking App (Graduation Project)

- Developed machine learning algorithms for nutritional analysis
- Implemented mobile application with real-time food recognition
- Successfully trained model to recognize 130+ Egyptian food items

linux-postinstall (Personal Project)

- Developed comprehensive Bash automation script for Linux system configuration
- Supports multi-distribution compatibility (Fedora-based, Debian-based, and Arch-based systems)
- Automates installation of common applications, system settings, and desktop environment customization

PROFESSIONAL EXPERIENCE

Site Coordinator, Almentor Egypt

Feb 2024 - Jul 2025

- Coordinate and manage offline learning sessions ensuring 95%+ participant satisfaction rates
- Oversee event logistics, technical infrastructure, and on-site support for 25+ participants per session
- Provide technical guidance and academic support to students, reducing technical issues
- Collaborate with cross-functional teams to optimize learning experiences and resource allocation

Software Engineer Intern, ALX Africa

Jun 2023 - Dec 2023

- Develop and implement software solutions
- Implement new projects
- Connect with our colleagues to set plans and strategies for projects

CERTIFICATIONS & TRAINING

- Cybersecurity Internship, Information Technology Institute (ITI) 2024
- Cloud and Virtualization Fundamentals, Mahara-Tech 2024
- Computer Network Fundamentals, Mahara-Tech 2024
- Database Fundamentals, Mahara-Tech 2023
- Python Programming Specialization, Udemey 2023
- Microsoft Excel Advanced, Coursera 2023

LEADERSHIP & VOLUNTEER EXPERIENCE

- International Collegiate Programming Contest (ICPC)** 2023 – 2025
- 46th & 47th ICPC, Event volunteer supporting participants
 - Africa and Arab Collegiate Programming Contest (ACPC), Volunteer coordinator
 - Egyptian Collegiate Programming Contest (ECPC), Event support volunteer

- Leadership Roles** 2023 – 2025
- Port Said Engineering Day (PSED), Host volunteer
 - ICPC Port Said University Community, Team board member managing student programming activities
 - IEEE Port Said University Student Branch, Team board member coordinating technical teams and workshops
 - IEEE R8 Entrepreneurship Week, Ambassador promoting innovation initiatives

ADDITIONAL INFORMATION

- **Languages:** Arabic (Native), English (Professional Proficiency)
- **Core Competencies:** System Troubleshooting, Infrastructure Management, Team Leadership, Technical Communication, Project Coordination
- **Interests:** DevOps Automation, Cloud Computing, Cybersecurity, Infrastructure Optimization