





MAHMOUD EL-TAYEB


Assistant Lecturer


 Egyptian

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 male

SOCIAL MEDIA

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PROFILE

- Certified trainer from Regional Center for Adult Education (ASFEC), Python Developer, Microsoft Certified Systems Administrator (MCSA), Certified Cisco Network admin (CCNA), and System administrator with over Nine years of experience in warehouse environments. Very well-acquainted with VMware environments, inventory management, hardware & software maintenance, information security, backup and recovery solutions, and network design.
- I am interested in conducting research in the fields of Cybersecurity, Artificial Intelligence, Machine Learning, and Deep Learning.

EDUCATION

06-2018 → 07-2022	Benha University, Egypt. Master of Computer Science
09-2006 → 05-2010	Shorouk Academy Bachelor's degree in Computer Science

WORK EXPERIENCE

09-2019 → present	Egyptian Academy for Engineering and Advanced Technology - Al Salam City, Cairo Assistant Lecturer <ul style="list-style-type: none">• Teach undergraduate-level classes, administer exams and assign grades.• Prepare course materials, homework assignments, and handouts.• Initiate, facilitate, and moderate classroom discussions to ensure students' engagement.• Initiate and propose best practices for instruction.• Review & evaluate the assigned curriculum as well as the course content, course materials.• Evaluate and grade students' class work, assignments and papers as per the needed deliverables.• Maintain students' attendance records.• Contribute in administrative duties
09-2017 → 08-2019	Egyptian Academy for Engineering and Advanced Technology - Al Salam City, Cairo IT System Administrator <ul style="list-style-type: none">• Responsibility on the servers, servers room, and end users (~1000 users).• Building, configuring, patching, upgrading and troubleshooting of physical and virtual Windows servers (rack mounts/blades, and VMs)• Taking care of backup, off-site tape storage, inventory-asset management• 24/7/365 availability for critical restarts of infrastructure, software, hardware and internet connection.• Supporting users in the use of computer equipment by providing necessary training and advice• Installing, configuring and deploying new PCs & Servers• Providing a high level of customer service at all times• Responsible for the connectivity of the academy buildings and resolving any network based issues.• Performs application monitoring and performance tuning.• Organizing and conducting workshops for faculty members and students
07-2014 → 08-2017	United Company for Pharmaceutical - Dar ElSalam City, Cairo IT Specialist <ul style="list-style-type: none">• Monitor server event logs, performance logs, growth of data on the network, and checking the status of server backups• Built and provided basic end-user troubleshooting and desktop support on Windows, Linux and Mac systems.• Participate in on-call rotation to provide 24 X 7 production support

10-2013 → 05-2014

Telecom Egypt (WE) - Giza, Egypt
Technical Support

- Investigating, resolving and closing user reported PC problems and application issues through our ticketing system
- Provided Tier 1 IT support to non-technical internal users through desk side support services.
- Providing a high level of customer service at all times

05-2012 → 03-2013

Egyptian Japanese for Electrical and Medical Supplies - 10th Ramadan , Sharkia, Egypt
Technical Support Specialist

- Built and provided basic end-user troubleshooting and desktop support on Windows, Linux and Mac systems.
- Supporting users in the use of computer equipment by providing necessary training and advice
- Developed creative design for marketing packages, including print materials, brochures, banners and signs.

PUBLICATIONS

- El-Tayeb, M., Taha, A., Fayed, Z.T. (2022). Live-streamed video reconstruction for web browser forensics. Ingénierie des Systèmes d'Information, Vol. 27, No. 1, pp. 61-66. <https://doi.org/10.18280/isi.270107>
- El-Tayeb, M., Taha, A., Taha, Z. (2021). Streamed video reconstruction for Firefox browser forensics. Ingénierie des Systèmes d'Information, Vol. 26, No. 4, pp. 337-344. <https://doi.org/10.18280/isi.260401>

HONORS AND CONFERENCES

- I was honored last August from the Egyptian Minister of State for Military Production on the Day of Scientific Excellence. link: <https://ibb.co/VWZDWnk>
- I received an honor certificate for my participation as as Co-organizer in the 46th International Conference of Association Of Egyptian American Scholars "Sustainable Development in Egypt Tomorrow's Innovative Advancements" under the auspices of the Ministry of Military Production - Cairo, Egypt, Dec. 24-26, 2019. link: <https://ibb.co/ZfGz93f>

CERTIFICATES AND TRAINING COURSES

- Machine Learning specialization
- Prompt Engineering for ChatGPT
- Python, C, and C++ Developer
- Certified trainer certificate from Regional Center for Adult Education (ASFEC) under the auspices of UNESCO - 2022
- VMware administration
- Windows Server administration
- Veeam backup
- Manage engine desktop central administration
- IELTS Academic - 2023 with score: 6
- TOEFL Ibt - 2022, with Score: 600 out of 670
- Google IT Support Professional Certificate - 2021
- ICSI | Certified Network Security Specialist (CNSS) - 2020
- Workshop on the uses of augmented reality in e-learning at Ain Shams University - 2020
- Many courses on how to manage the e-learning system using Moodle - 2019
- Windows Server 2016 Breach Resistance for Your Operating System and Applications -2019
- Microsoft 365 administration - 2018
- MCITP Microsoft Certified IT Professional - 2017
- CompTIA Security+ - -2016
- CompTIA A+ - 2015
- Maintenance of Motherboard -2014
- Job Placement Training Program 25 (EFE) - 2013
- CCNA Cisco Certified Network Associate - 2013
- ICDL -2011

TEACHING/COURSES TAUGHT

- AI with Python
- Programming Languages (Python, C, C++)
- Computer Organization
- Introduction to Computers

PERSONAL SKILLS

- ✓ Expertise in programming languages such as Python, C, and C++
- ✓ Experience in automating processes using AI
- ✓ Knowledge of cloud platforms like AWS, Google Cloud, or Azure
- ✓ Strong problem-solving and analytical skills
- ✓ Analysis and Decision-Making skills
- ✓ Able to work on my initiative or as part of a team
- ✓ Detail oriented, strong organization and a high degree of accuracy
- ✓ Strong organizational skills; ability to prioritize, maintain attention to detail and recognize time constraints
- ✓ Manage CCTV, IP cameras, Fingerprint machines
- ✓ Experience and sound working knowledge of the following areas: Cisco IP Telephony, 3CX VOIP, Linux and Mac OS and

SOFTWARE SKILLS

Design and develop AI algorithms for various applications	●●●●●●
Research and implement new AI technologies	●●●●●●
Technical troubleshooting	●●●●●●
Training of faculty and students	●●●●●○
Presentation skills	●●●●●○
System backup/Recovery	●●●●●●
Microsoft 365 cloud Administration	●●●●●○
Fortigate firewall admininstration	●●●●●○
Software and hardware management.	●●●●●○
Moodle Administration	●●●●●○



PERSONALITY

- ✓ Diligent and organized
- ✓ Ethical and loyal
- ✓ Creative
- ✓ Problem Solver
- ✓ Fast Learner

LANGUAGES

Arabic	●●●●●●
English	●●●●●●

HOBBIES

 Coding	 Writing	 Reading	 Volunteering	 Exercising	 Fishing
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