

Obaida AlHousrya

IT Manager



Brasov, Romania, 500045



obaida-alhousrya



Male

Knowledgeable IT Manager oversees technology deployment and maintenance. Instructs and leads IT staff members in support of hardware, software and networking infrastructure. Actively works with executives to determine and implement tech needs. Manages technology strategy, training and documentation. Practiced troubleshooter with excellent diagnostics and repair abilities, strong attention to detail and methodical approach. Boosts system performance by thoroughly evaluating and correcting different hardware and software issues.



Education

10/2011 - 06/2016

Bachelor: Informatics Engineering (Al-Baath University - Syria- Homs)

- Software Engineering.
- Thesis: Recommendation system for music streaming service with mobile App.

10/2020 - 06/2022

Master: Computer Science (Transilvania University - Brasov - Romania)

- Continuing education in Internet Technologies.
- Dissertation: Evaluating Framework For Web Application.

11/2022 - Current

PhD: Computers and Information Technology (Transilvania University - Brasov - Romania)

- Electronics, Telecommunications and Informational Technologies
- Research: IoT and IIoT Technologies Applied in Electrical Vehicle's Industry.



Skills

PHP, MySQL, cPanel&WHM and Apache. **(8 years)**



HTM, CSS, JavaScript, Ajax, Bootstrap and JQuery. **(7 years)**



VPS, Support customers, Software, Hardware and Helpdesk **(6 years)**



Angular **(1 Year)**, Java, WordPress and Android. **(2 Years)**



ReactJs and Flutter.



And more ...

Software

MS Office, VS.Code, Android Studio, VMware and Dreamweaver.



Install and understand all software quite easily.



Matlab and Adobe Photoshop.



Languages

Arabic



English



Romanian



Certifications

02/2015

Neuro linguistic programming (NLP).

05/2015

Time Management.

PUBLICATIONS

[2024] A novel Hybrid ant colony algorithm for solving the shortest path problems with mixed fuzzy arc weights

Authors: Obaida AlHousrya, Aseel Bennagi, Petru A. Coffas, Daniel T. Coffas

Journal Name: Alexandria Engineering Journal

[2024] Comprehensive study of the artificial intelligence applied in renewable

Authors: Aseel Bennagi, Obaida AlHousrya, Daniel T. Coffas, Petru A. Coffas

Journal Name: Energy Strategy Reviews | Volume, Issue and Pages: 54, Article: 101446

[2025] The Role of the Industrial IoT in Advancing Electric Vehicle Technology: A Review

Authors: Obaida AlHousrya, Aseel Bennagi, Petru A. Coffas, Daniel T. Coffas

Journal Name: Applied Sciences | Volume, Issue and Pages: 15, 17, 9290 | Publisher: MDPI

[2025] IoT-Enabled Driver Health Monitoring System Using Multi-Modal Sensors and Cloud Integration

Reference: IEEE 31st International Symposium for Design and Technology in Electronic Packaging (SIITME)

Authors: Obaida AlHousrya, Aseel Bennagi, Petru A. Coffas, Daniel T. Coffas

Journal Name: Conference | Volume, Issue and Pages: 107-114 | Publisher: IEEE

[2025] Hybrid Salp Swarm–Gaining and Sharing Knowledge (SSA-GSK) metaheuristic algorithm for extracting photovoltaic cell parameters

Authors: Aseel Bennagi, Obaida AlHousrya, Daniel T. Coffas, Petru A. Coffas

Journal Name: Environmental Engineering & Management Journal | Volume, Issue and Pages: 24, 1099-1117

[2025] Parameter extraction of photovoltaic cells and panels using a pid-based metaheuristic algorithm

Authors: Aseel Bennagi, Obaida AlHousrya, Daniel T. Coffas, Petru A. Coffas

Journal Name: Applied Sciences | Volume, Issue and Pages: 15, 13, 7403 | Publisher: MDPI

[2025] EV residential charging station with renewable energy sources

Authors: Aseel Bennagi

Journal Name: Umbrella for Young Researchers

[2026] A Hybrid Machine Learning and IoT System for Driver Fatigue Monitoring in Connected Electric Vehicles

Authors: Obaida AlHousrya, Aseel Bennagi, Petru A. Coffas, Daniel T. Coffas

Journal Name: Machine Learning with Applications | Volume, Issue and Pages: 100845