



HUSAM Mahdi AL-ALWASH

PhD Candidate

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↳ [LinkedIn](#), [ResearchGate](#)

Skills

Creativity and Research Skills

Leadership and Coaching

Decision Making

Problem Solving

Time Management

Communication

Fast Learner

Microsoft Office

Ability to Work in a Team

Ability to Work Under Pressure

Leadership Skills

Adaptability

Computer Skills

Data Analysis

Communication Skills

Matlab

Profile

I am a PhD student in Communication Engineering seeking to apply my expertise in academy. The fields of research interest lie on technologies related to IoV (Internet of Vehicles), SDN (Software Defined Network), cloud/fog computing, and the charging processing of electric vehicles. Eager to explore opportunities in Dubai, aiming to contribute to the advancement of technology and innovation within your company. Looking for a position that values creative research, analytical skills, system desinge, and a commitment to sustainable and efficient technological solutions.

Employment History

SOLID-B5G, Project Contributor, Bucharest

2019 – Present

Engaged in the SOLID-B5G project, contributing to research on Massive MIMO Enabled IoT Platforms and Networking Slicing for Beyond 5G applications, funded by the EEA Norway Grants 2014-2021. Contributed to the dissemination of project results through academic channels within the international telecommunications community.

Education

Ph.D., National University of Science and Technology Politehnica Bucharest (UNSTPB), Bucharest

September 2017 – Present

Master, National University of Science and Technology Politehnica Bucharest (UNSTPB), Bucharest

September 2015 – June 2017

Graduate with a good score and the courses I had are :

advanced procedures for wireless communications, integrated management and control software for networks and services, optimization techniques and random signals in telecommunications, advanced services and protocols for telecommunications networks

advanced data transmission technologies, and more.

Bachelor, AL-MAMON University college, Baghdad

Hobbies

Music, Travelling, Reading, Dominoes, etc.

Languages

Arabic



English



Romanian



September 2010 — June 2014

graduated with a good score and the courses I had are: mathematics, electronic, optical fiber, information theory, microwave, and more.

Certifications

Life coach - personal development, International Coach Federation (ICF)

November 2023 — December 2023

English course - Pre-Intermediate 2c, British Council, Romania

September 2016 — December 2016

English course - Intermediate 3a, British Council, Romania

December 2016 — March 2017

References

- 1- Al-Alwash Husam Mahdi, and Hamadani Mustafa Khaleel, "Vehicular to Grid Technologies– A Survey on Architectures and Solutions." 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), IEEE, 2019.
- 2- Al-Alwash Husam Mahdi, and Eugen Borcoci, "Optimal Charging Scheme for Electric Vehicles (EVs) in SDN-based Vehicular Network, Scheduling, and Routing." 2022 14th International Conference on Communications (COMM), IEEE, 2022.
- 3- Hamadani Mustafa Khaleel, and Al-Alwash Husam Mahdi, "Centralised Multi-hop Routing for Device-to-Device communication: simulation and results" 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), IEEE, 2019.
- 4- Al-Alwash Husam Mahdi, Eugen Borcoci, "A Smart Adaptable Charging Method for Electric Vehicles, Considering Urgent Charging Demand", U.P.B. Sci. Bull., Series C, Vol. 85, Iss. 3, 2023.
- 5- Husam M. Al-Alwash, Eugen Borcoci, Marius Constantin Vochin, Indika A. M. Balapuwaduge, And Frank Y. Li. "Optimization Schedule Schemes for Charging Electric Vehicles: Overview, Challenges, and Solutions", IEEE Access, accepted (Not published yet).
- 6- Al-Alwash Husam Mahdi, Eugen Borcoci, " Optimising Charging Scheduling for Electrical Vehicles". SD-ETTI 2023: 1st Doctoral Symposium on Electronics, Telecommunications, and Information Technology, October 4–6, 2023, Bucharest, Romania, Accepted (not published yet)