Mustafa Khaleel Hamadani

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https://github.com/engm89/

Professional Summary

Lecture, Researcher and Programmer with a Doctorate Degree in Telecommunication and Information Technology, always eager to learn new skills.

Experience

OCT 2024 – PRESENT

Lecture – Department of Technical Cybersecurity and Cloud Computing- Uruk University – Baghdad, Iraq

Prepare lectures and teaching various topics including Computer Networks Fundamentals, Cybersecurity, and A.I

JAN 2012– MAY 2014

Network Engineer, WEB for internet services, Baghdad, Iraq

1. Responsibilities:

   – Configuration and Installations the wireless equipment (Mikrotik,Ubiquiti, and Proxim).

   – Maintenance and Servicing the RF Link Site.– Monitoring the Customers link status.

2. Jobs-Skills:

   – IP Networking and CCNAX Knowledge.

   – Windows Server 2012 (Active Directory) and Computer Maintenance.

Skills

- Programming Languages: C++, Python, Java.
- Software and Tools: MATLAB, OMNeT++, NS-3, Tensorflow, PyTorch, NumPy, ScikitLearn, Pandas, Latex, Docker, Linux/Raspberry Pi, and Mininet
- Soft Skills: Research, Teamwork, Work Under Pressure, Motivated, Ambitious, and ProblemSolving.

Education

OCT 2016 – NOV 2022
DOCTOR OF PHILOSOPHY (PH.D), UNIVERSITY POLITEHNICA OF BUCHAREST, ROMANIA.
> Dissertation Title: Cloud Computing Technologies for the D2D Networks

OCT 2014 – OCT 2016
MASTER IN ADVANCED WIRELESS TELECOMMUNICATIONS, UNIVERSITY POLITEHNICA OF BUCHAREST, ROMANIA
> Master Thesis: Channel Equalization in Wireless Communications

SEP 2007 – SEP 2012
Bachelor of Computer Communication Engineering, Al-Rafidain Univesty College, Baghdad, Iraq.

Training and Certifications

JUN 2023 – AUG 2023
MACHINE LEARNING FOR SOFTWARE ENGINEERS BOOTCAMP, WEBSITE :AIDOJO

MAR 2022 – JUL 2022
CS50'S INTRODUCTION TO ARTIFICIAL INTELLIGENCE WITH PYTHON , COMPUTIQ

JAN 2014 – FEB 2014
Cisco Training Routing and Switching (CCNA 200-120), New Horizons Baghdad -Iraq.

References

Available upon request.

Publications

[1] **Mustafa Khaleel Hamadani**, Eugen Borcoci, "Load Balancing Techniques for Fog Computing Integrated to D2D Networks". Politehnica University of Bucharest, Scientific Bulletin, Series C, Vol. 84, issues.2, 2022. Link: Politehnica University of Bucharest, Scientific Bulletin. [Accepted].

[2] **Mustafa Khaleel Hamadani**, Eugen Borcoci."Fog Nodes Placement for D2D Networks." 2021 44th International Conference on Telecommunications and Signal Processing (TSP). IEEE, 2021. Link: https://ieeexplore.ieee.org/abstract/document/9522637. [Accepted, Invited to be published in an extended form for the Sensors Journal].

[3] **Mustafa Khaleel Hamadani**, E. Borcoci, "Fog Computing and D2D Networks Integration," 2021 EEE International Black Sea Conference on Communications and Networking (BlackSeaCom), 2021. Link: https://ieeexplore.ieee.org/abstract/document/9527740. [Accepted].

[4] **Mustafa Khaleel Hamadani**, Mahdi AA. Centralised Multi-hop Routing for Device-to-Device communication: simulation and results. In2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) 2019 Jun 27 (pp. 1-6). IEEE. Link: https://ieeexplore.ieee.org/abstract/document/9042024. [Accepted].

[5] **Mustafa Khaleel Hamadani**, Al-Alwash Husam Mahdi, Centralised Multihop Routing Techniques for Device-to-DeviceCommunication, ICN 2019: The Eighteenth International Conference on Networks, ARIA, 2019. ISBN: 978-1-61208-695-8. Link: http://www.thinkmind.org. [Accepted].

[6] Al-Alwash Husam Mahdi, **Mustafa Khaleel Hamadani**, Vehicular to Grid Technologies A Survey on Architectures and Solutions, ICN 2019 : The Eighteenth International Conference on Networks, ARIA, 2019. ISBN: 978-1-61208-695-8. Link:http://www.thinkmind.org. [Accepted].

[7] Silviu-Andrei Lazar, **Mustafa Khaleel Hamadani**, Carmen-Elena Stefan, Optimization Analysis of VANET's Control Plane for Safety Application Traffic, 2018 International Con ference on Communications (COMM). Link: https://ieeexplore.ieee.org/abstract/document/8484272. [Accepted].