

**Rasha Al Hasnawi****Work permit:** Romanian | **Date of birth:** 01/07/1987 | **Nationality:** Iraqi | **Sex:** Female |**Phone:** (+40) 0723758764 (Mobile) | **Email:** rashasalman19871987@gmail.com | **Website:**<https://www.researchgate.net/profile/Rasha-Al-Hasnawi> | **LinkedIn:**<https://www.linkedin.com/in/rasha-al-hasnawi/> | **Address:** Bucharest, Romania (Home)**ABOUT MYSELF**

Experienced in communication system modeling, simulation, and developing practical engineering solutions for advanced technology applications.

EDUCATION AND TRAINING

2021 – CURRENT Romania

PH.D. IN ELECTRONICS, TELECOMMUNICATION AND INFORMATION TECHNOLOGY Polytechnic University of Bucharest**Website** <https://upb.ro>

2018 – 2020 Iraq

M.SC. IN COMMUNICATION TECHNIQUES ENGINEERING Al-Furat Al-Awsat Technical University|**Website** <https://atu.edu.iq/?lang=en>

2005 – 2009 Iraq

B.SC. IN COMMUNICATION TECHNIQUES ENGINEERING Al-Furat Al-Awsat Technical University|**Website** <https://atu.edu.iq/?lang=en>**WORK EXPERIENCE** **COMPUTER MAINTENANCE TECHNICIAN – SOFTWARE – IRAQ****AGRICULTURE DIRECTORATE, ENGINEERING AND TECHNICAL DIVISION – 2016 – 2021** **UNIVERSITY LECTURER – IRAQ****AL-FURAT AL-AWSAT TECHNICAL UNIVERSITY – 2018 – 2020**

– IRAQ

DIRECTORATE OF ELECTRICITY – 2015 – 2016**LANGUAGE SKILLS**Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
ROMANIAN	A2	A2	A2	A2	A2

• SKILLS

Good programming skills with: Python, C++, Arduino IDE, MATLAB | Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Social Media | Google Drive | Zoom | MATLAB

• PUBLICATIONS

2024

A Survey of Vehicular VLC Methodologies

Authors: Al Hasnawi, R., Marghescu, I., | Journal Name: Sensors | Volume, Issue and Pages: 24, 2,598 | Publisher: MDPI

2025

Enhancing Vehicular VLC Systems with Multi-Relay Techniques: A Performance Evaluation

Authors: Al Hasnawi, R., Marghescu, C. I., & Rusu-Casandra, A. | Journal Name: Electronics | Volume, Issue and Pages: 14(6), 1170, | Publisher: MDPI

2024

Reliability and Capacity Evaluation for Vehicle-to-Vehicle VLC

Authors: Al Hasnawi, R., Marghescu, I., & Rusu-Casandra, A. | Journal Name: 15th International Conference on Communications (COMM) | Volume, Issue and Pages: (pp. 1-6) | Publisher: IEEE

2025

Comprehensive Evaluation of Environmental Impact on the Performance of V2V Visible Light Communication.

Authors: Al Hasnawi, R., Marghescu, I., & Al-Mudhafar, A. A. | Journal Name: 5th IEEE Middle East and North Africa Communications Conference (MENACOMM) | Volume, Issue and Pages: (pp. 1-6) | Publisher: IEEE

2024

Influence of Channel Modeling and Atmospheric Conditions on the Reliability and Capacity of V2V-VLC Systems.

Authors: Al Hasnawi, R., Militaru, N., & Rusu-Casandra, A. | Journal Name: 15th International Conference on Communications (COMM) | Volume, Issue and Pages: (pp. 1-6) | Publisher: IEEE

• CERTIFICATIONS & TRAINING

2024 - 2025

Smarttech247 Women in Cybersecurity Academy

Successfully completed the Women in Cybersecurity Academy organized by Smarttech247, demonstrating commitment to advancing knowledge in cybersecurity practices and principles.rite here the description...

2024

FutureShapers Camp 2024 - Summer School

Participated in the 2024 edition of the FutureShapers Summer School, focused on innovation, leadership, and future technology trends.

12.06.2025

