

Rami Khoder CV

- 1. Personal and Academic rank:** Rami khoder, Assistant Professor, full time at **Beirut Arab University (ABET Accredited)**



Address	Nakhleh koura
Contact	70655940 E-Mail r.khoder@bau.edu.lb ramikhoder33@gmail.com .
Date of birth	9 April 1993
Status	Married – 1 kid

2. Education: Degrees, discipline, institution, and date:

- Ph.D., Communication and Electrical Engineering, Lebanese University and Versailles University 2021
M.S., Communication and Electrical Engineering, Lebanese University 2017
B.S., Electrical Engineering, Beirut Arab University, 2016

3. Academic experience

- Beirut Arab University, Assistant Professor, 2022- present, full time
- Beirut Arab University, City University, Arab Open University, American University of Technology, Lecturer, 2021- 2022, part time

4. Nonacademic experience

- Trainee Techno New Tripoli Lebanon summer 2012. In the department of communication and administrative information.
- Training in the technology department in MEA, Beirut Airport Lebanon. Summer 2014 in Network Administration, System Engineering and Telecommunication and Help Desk and Support.
- Internship Touch Lebanon, Beirut Lebanon summer 2015, in Technical department at the Mobile Telecommunication.

5. Current membership in professional organizations

- Member in Order of Engineering North Lebanon

6. Service activities

- 2023 Committee member in Alumni-Beirut Arab University-Tripoli Campus
- 2023 Completing the Training of Trainers Work Ready Now
- 2022 Member in activities committee-Beirut Arab University-Tripoli campus
- 2021 Certificate of attendance in the first Arab Universal Design for Learning-Doha Qatar

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7. Experience Courses (Undergraduate)

- a. Programming 1
- b. Linear algebra
- c. Electronics circuit 1
- d. Electronics circuit 2
- e. Antenna and propagation 1
- f. Communication theory 1
- g. Communication theory 2
- h. Cellular communication
- i. Radio frequency

8. Research Interests

- a. Vehicular network
- b. Artificial intelligence
- c. Security and encryption
- d. Antenna and propagation

9. References:

- a. Prof. Rola Naja rola.naja@esiee.fr (+96171831850)
- b. Prof. Ziad Osman z.osman@bau.edu.lb (+9613836089)
- c. Prof. Mohamad khalil mohamad.khalil@ul.edu.lb (+9613396747)

10. Rank Link: Associate Professor

<https://www.bau.edu.lb/Staff/Engineering-Tripoli/Academic>

11. Publications

1. **R.khoder**, R. Naja. Software-defined networking-based resource management in 5G HetNet. In *2018 IEEE (MENACOMM)* (pp. 1-6). April 2018, Beirut, Lebanon.
2. **R.Khoder**, R.Naja, S.Tohme. SPS algorithm in Vehicular Networks. In Proc. of Junior Conference on Wireless and Optical Communications, February 2019, Paris,France.
3. **R.Khoder**,R.Naja, S.Tohme.Performance Evaluation of Speed Platoon Splitting Algorithm.In Vehicular Ad-hoc Networks for Smart Cities IWVSC'2019,France.Advances Systems & Computing,vol1144 Singapore.https://doi.org/10.1007/978-981-15-3750-9_3.
4. **R.Khoder**, R.Naja, S.Tohme. Impact of Interference on Visible Light Communication Performance in a Vehicular Platoon. In Proc. IEEE International Wireless Communications and Mobile Computing Conference IWCMC, May 2020, Limassol,Cyprus, pp.1935-1939,doi: 10.1109/IWCMC48107.2020.9148127.

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5. **R.Khoder**, R.Naja, N.Mouawad, S.Tohme. Vertical Handover Network Selection Architecture for VLC Vehicular Platoon Driving Assistance. In Proc. IEEE International Symposium on Personal, Indoor and Mobile Radio Communications PIMRC, June 2020, London, United Kingdom, pp. 1-6, doi: 10.1109/PIMRC48278.2020.9217118.
6. N.Mouawad, **R.Khoder**, R.Naja, S.Tohme. Vertical Group Handover Congestion Game for a Vehicular Platoon in VLC Networks| Journal of Annals of Telecom-accepted
7. **R.Khoder**, N.Mouawad, R.Naja, S.Ismail, S.Tohme. Vertical Handover Decision using Machine Learning in Vehicular Platooning, In *2021 IEEE (MENACOMM)* December 2021, Agadir, Morocco.