

Curriculum Vitae

Name and Surname: Ahmed Alsahlani

Date of birth: 8 June 1981

Address: Bucharest, Romania

Mobile:

E-mail:

Sex: Male

Nationality: Iraqi



Qualifications

- BSc in *computer science and information system* University of Technology (UOT) Baghdad, Iraq. Graduation year: 2003
- Master's degree in *Computer Applied Technology* Huazhong University of Science and Technology, Wuhan, China. Graduation year: 2016

Current study

- *PhD student, third year*, at the University of Bucharest, Department of Informatics

ORCID ID: <https://orcid.org/0000-0003-1461-804X>

Language skills

- Mother tongue: Arabic
- Second language: English
- Third language: Chinese

Training courses

- CCNA: NETWORK FUNDAMENTALES
- CCNA: ROUTING PROTOCOLS AND CONCEPT
- CCNA: LAN SWITCHING AND WIRELESS
- CCNA: ACCESSING THE WAN
- A+, N+.

Interesting research area

- IOT Security, Authentication scheme.

Presentations

- A. Alsahlani and A. Popa. "SECURING MODERN IOT SYSTEMS USING LIGHTWEIGHT AUTHENTICATION SCHEMES". CSDCU-MIF2020, National Conference of PhD students from the University Consortium for Mathematics, Informatics, Physics. Alexandru Ioan Cuza University, Iasi, Romania, October 23, 2020.

- A. Alsahlani and A. Popa. “Analyzing of LAM-CIoT: Lightweight Authentication Mechanism in Cloud-based IoT Environment”. IEEE SSCI 2020 SYMPOSIUM SERIES, (IEEE Symposium on Computational Intelligence in Cyber Security (IEEE CICS), December 03, 2020.
- A. Alsahlani and A. Popa. “Analysis of lightweight and secure two-factor authentication scheme for wireless body area networks in health-care IoT”. IEEE, IWCMC 2021, Harbin, China - June 29, 2021
- A. Alsahlani and A. Popa. “Analysis of modern authentication scheme tailored for IoT environment”. MITRE-2021, Chişinău, Republic of Moldova, July 01-03, 2021
- A. Alsahlani and A. Popa. “Lightweight authentication scheme for securing modern IoT systems”. Unibuc, Student scientific communication session. Bucharest, Romania – May 8, 2021

Publications

- A. Y. F. Alsahlani and A. Popa, “Analyzing of LAM-CIoT: Lightweight Authentication Mechanism in Cloud-based IoT Environment”, *2020 IEEE Symposium Series on Computational Intelligence (SSCI)*, 2020, pp. 1837-1844, doi: 10.1109/SSCI47803.2020.9308139.
- M. Almalchy, S. Algayar, A. Alsahlani and N. Popescu. “HCare Web Application for E-health Monitoring System”. *UPB, scientific bulletin, series C. Bucharest, Romania, 2020.*
- A. Y. F. Alsahlani and A. Popa, “Analysis of lightweight and secure two-factor authentication scheme for wireless body area networks in health-care IoT”, *2021 International Wireless Communications and Mobile Computing (IWCMC)*, 2021, pp. 475-480, doi: 10.1109/IWCMC51323.2021.9498841.

- A. Y. F. Alsahlani, Lu S. “Lightweight communication overhead authentication scheme using smart card”. *Indonesian Journal of Electrical Engineering and Computer Science*. 2016 Mar;1(3):597-606.
- A. Y. F. Alsahlani, Alexandru Popa, “LMAAS-IoT: Lightweight multi-factor authentication and authorization scheme for real-time data access in IoT cloud-based environment”, *Journal of Network and Computer Applications*, Volume 192, 2021, 103177, ISSN 1084-8045, <https://doi.org/10.1016/j.jnca.2021.103177>.