



Sami Alshammari

Assistant Professor

CONTACT ME

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Rafha, Saudi Arabia

EDUCATION

Doctor of Philosophy-
Telecommunications and Computer Networking and
Computer Science.

University of Missouri – Kansas City
2018 - 2023

Master of Science– Computer Science

University of Missouri – Kansas City
2016 - 2018

Bachelor of Science – Information Technology

Northern Border University
2010 - 2013

SKILLS

- Academic Research
- Programming (Python, C, C++, Java)
- Adapting new technique in the field of smart cities

WORK EXPERIENCE

Assistant Professor	2024 - Present
Northern Border University	
Lecturer	2019 - 2023
Northern Border University	
Teaching Assistant	2019 - 2020
University of Missouri – Kansas City	
Teaching Assistant	2014 - 2018
Northern Border University	

CONFERENCES ATTENDED/PARTICIPATED

- Blockchain & Cryptocurrency Conference 2018
- IEEE Smart Cities Conference ISC2 2019 (Volunteer)
- IEEE Smart Cities Conference ISC2 2020 (Speaker)
- IEEE Smart Cities Conference ISC2 2022 (Speaker)

PUBLICATIONS

- Optimizing City's Service Routes for Road Repairs. 2020 IEEE International Smart Cities Conference (ISC2)
<https://ieeexplore.ieee.org/document/9239021>
- Characterizing Road Conditions Via Smart Mobile Crowd Sourcing. 2020 IEEE International Smart Cities Conference (ISC2)
<https://ieeexplore.ieee.org/abstract/document/9239020>
- 3Pod: Federated Learning-based 3-Dimensional Pothole Detection for Smart Transportation. 2022 IEEE International Smart Cities Conference (ISC2)
<https://ieeexplore.ieee.org/document/9922195>

AREAS OF INTEREST

Internet of Things

Smart Cities

Machine Learning