

MNASSAR ALYAMI

Curriculum Vitae

Department of Computer Science
Jazan University

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1. **EDUCATION:**

University of Central Florida, Orlando, USA.

- PhD in Computer Science, May 2024.

Kentucky State University, Frankfort, USA.

- Master of Science in Computer Science, May 2017.

Jazan University, Jazan, Saudi Arabia.

- Bachelor of Science in Computer Science, January 2012.

2. **RESEARCH INTERESTS:**

Artificial Intelligence, Cybersecurity and Privacy, and the Internet of Things.

3. **PROFESSIONAL POSITIONS:**

- Assistant Professor, Jazan University, Saudi Arabia, November 2024 – Present.
- Lecturer, Jazan University, Saudi Arabia, August 2017 – August 2019.
- Teaching Assistant, Jazan University, Saudi Arabia, May 2012 – August 2014.

4. **TRAINING:**

- Responsible Conduct of Research for Engineers, University of Central Florida, October 2020.
- Training of Trainers TOT (25 hours), Ivory, Saudi Arabia, November 2017.
- Agile Scrum Project Management (14.5 hours), Udemy, August 2017.
- IT internship program, Kentucky State University, USA, August 2016– December 2016.
- English for Academic Purposes program, San Diego State University, USA, August 2014 – July 2015.

5. **TEACHING:**

Courses taught in recent years:

- Computer Security and Privacy
- Internet of Things
- Operating Systems
- Design and Analysis of Algorithms
- Java Programming
- Introduction to Computing

6. ADMINISTRATION SERVICES:

- Chair of the Website Development Committee, Department of Computer Science, Jazan University.
- Member of Research and Innovation Committee, Department of Computer Science, Jazan University.
- Member of the Data Quality Committee, Vice Presidency for Graduate Studies & Research, Jazan University.
- Member of the Student Activities and Community Services Committee, Department of Computer Science, Jazan University.

7. PUBLICATIONS AND MANUSCRIPTS:

- Mnassar Alyami, Cliff Zou, and Yan Solihin, **Adaptive Segmentation: A Tradeoff Between Packet-Size Obfuscation and Performance**, in Proc. of 2024 IEEE International Conference on Smart Applications, Communications and Networking, Washington D.C., May 28-30, 2024.
- Mnassar Alyami, Abdulmajeed Alghamdi, Mohammed A. Alkhwaiter, Cliff Zou, and Yan Solihin. (2023). **Random Segmentation: New Traffic Obfuscation against Packet-Size-Based Side-Channel Attacks**. *Electronics*, 12(18), 3816.
- Mohammed Alkhwaiter, Hisham A. Kholidy, Mnassar Alyami, Abdulmajeed Alghamdi, and Cliff Zou. (2023). **Adversarial-aware deep learning system based on a secondary classical machine learning verification approach**. *Sensors*, 23(14), 6287.
- Mohammed Alkhwaiter, Khalid Almubarak, Mnassar Alyami, Abdulmajeed Alghamdi, and Cliff Zou, **Image Authentication Using Self-Supervised Learning to Detect Manipulation Over Social Network Platforms**, in Proc. of the IEEE Military Communication (MILCOM), Nov. 28 - Dec. 2, 2022.
- Ibrahim Alharbi, Ali Almalki, Mnassar Alyami, Cliff Zou, and Yan Solihin. (2022). **Profiling attack on wifi-based iot devices using an eavesdropping of an encrypted data frames**. *Adv. Sci. Technol. Eng. Syst. J*, 7, 49-57.
- Mnassar Alyami, Mohammed Alkhwaiter, Mansour Al Ghanim, Changchun Zou, and Yan Solihin, **MAC-Layer Traffic Shaping Defense Against WiFi Device Fingerprinting Attacks**, in Proc. of the 27th IEEE Symposium on Computers and Communication, Greece, July, 2022.
- Mnassar Alyami, Ibrahim Alharbi, Cliff Zou, Yan Solihin, and Karl Ackerman, **WiFi-based IoT Devices Profiling Attack based on Eavesdropping of Encrypted WiFi Traffic**, in Proc. of the IEEE Consumer Communications & Networking Conference, Virtual, Jan 8-11, 2022.