

1 Name & Rank: Ameer Mohammed, Assistant Professor

2 Education

Degree	Discipline	Institution	Year
Ph.D.	Computer Science	University of Virginia, Charlottesville, USA	2018
M.S.	Information Security	Carnegie Mellon University, Pittsburgh, USA	2013
B.S.	Computer Engineering	Kuwait University, Kuwait	2008

3 Academic Experience

Institution	Designation	Year/Period	FT/PT
Kuwait University	Assistant Professor	2018 - Present	FT
University of California, Berkeley	Visiting Researcher	Fall 2017	FT
University of Virginia	Teaching Assistant	Fall 2015	PT

4 Non-Academic Experience:

Organization	Designation	Year/Period	FT/PT
Kuwait Fund for Arab Economic Development, Kuwait	System Engineer	2008 - 2011	FT

5 Certifications / professional registrations:

- Telecommunications Training Course, Zain, Kuwait, 2007
- .NET Best Practices, Learning Tree Institute, United Kingdom, 2009
- CITI Human Subject Research Certification, 2023

6 Membership in Professional Organization:

- IEEE, member, 2006 – Present
- IEEE Computer Science, member, 2008 – Present
- ACM, member, 2014 – Present
- International Association for Cryptologic Research (IACR), member, 2014 – Present
- Kuwait Artificial Intelligence and Robotics Society (KARS), founding member, 2021 – Present
- Open Worldwide Application Security Project (OWASP), member, 2023 – Present

7 Honors and Awards:

- Dean's Honor List, Awarded by College of Engineering and Petroleum, Kuwait University, 2008.
- E-Learning Project Award, Capstone Design Convention, 2008

8 Service Activities:

- ACM Kuwait Chapter Webmaster, Fall 2007
- London International Youth Science Forum, Student Representative for Kuwait University, 2008
- Reviewer, International Cryptology Conference (CRYPTO), 2016 – 2017
- Reviewer, EUROCRYPT, 2016 – 2018
- Reviewer, International Conference on Practice and Theory of Public Key Cryptography (PKC), 2016 – 2018
- College of Engineering Innovation Center, Committee Member, 2020 – 2022
- Student Affairs Committee Coordinator, Computer Engineering Department, 2019 – 2023
- Undergraduate Program Committee Coordinator, 2023 – 2024
- Program Co-chair, Cybersecurity Education & Research Conference 2019 – 2023

9 Publications and Presentations (from past five years):

- a. Ziad Ali, Ameer Mohammed, and Imtiaz Ahmad, "Vulnerability of Deep Forests to Adversarial Attacks", IEEE Transactions on Information Forensics and Security, 2024
- b. Ameer Mohammed, Ziad Ali, and Imtiaz Ahmad, "Enhancing Adversarial Robustness with Randomized Interlayer Processing", Expert Systems with Applications, 2024
- c. Ziad Ali, Ameer Mohammed, and Imtiaz Ahmad, "Evaluating Adversarial Robustness of Secret Key-Based Defenses", IEEE Access, 2022
- d. Maryam Aljame, Ayyub Imtiaz, Imtiaz Ahmad, and Ameer Mohammed, "Deep forest model for diagnosing COVID-19 from routine blood tests", Scientific Reports, 2021.
- e. Maryam Aljame, Imtiaz Ahmad, Ayyub Imtiaz, and Ameer Mohammed, "Ensemble learning model for diagnosing COVID-19 from routine blood tests", Informatics in Medicine Unlocked, 2020.
- f. Tassos Dimitriou and Ameer Mohammed, "Fair and Privacy-Respecting Bitcoin Payments for Smart Grid Data", IEEE Internet of Things, 2020.
- g. Ali Kelkawi, Ameer Mohammed, and Anwar Alyatama, "Incremental Deployment of Hybrid IP/SDN Network with Optimized Traffic Engineering (Best Paper Award), IEEE Conference on Network Function Virtualization and Software Defined Networks (NFV-SDN), 2020.
- h. Ameer Mohammed and Ahmad Ashkanani, "A Conceptual Design of A Blockchain-Based System for Improving Supply Chain Effectiveness", Kuwait University Research Poster, 2020.
- i. Saed Mahloujifar, Mohammad Mahmoody, and Ameer Mohammed, "Data Poisoning Attacks in Multi-Party Learning", Proceedings of the 36th International Conference on Machine Learning (ICML), 2019.

10 Recent Professional Development Activities:

- a. CCNA-1,2,3 Networking Course, Cisco Networks, Kuwait, 2019
- b. SIEMENS MindConnect Workshop, Kuwait, 2023