



Department of Information Science

1. Name

Name	Rank	Tenure Status
Omar Al Ibrahim	Assistant Professor	Tenure Track

2. Education

Degree	Discipline	Institution	Year
PhD	Computer Science	Southern Methodist University, USA	2007-2012
MSc	Computer Science	Rice University, USA	2005-2007
BSc	Computer Engineering	Kuwait University, Kuwait	2000-2004

3. Academic Experience

Institution	Rank	Title	when	Full/Part Time
University of Buffalo (SUNY)	Assistant Professor	Visiting Scholar	2016-2017	Full Time
Kuwait University	Assistant Professor	Assistant Professor	2014 - now	Full Time, Tenure-Track

4. Non-academic Experience

Company or Institution	Title	Brief description of position	When	Full Time / Part Time
Lookout Inc.	Security Researcher	Reverse engineering mobile applications & cyber-threat intelligence.	2017-2018	Full Time
Virtual Security Research (VSR), LLC. (USA)	Security Consultant	Web application and network penetration testing to various clients.	2013-2014	Full Time
Cigital Inc. (USA)	Security Consultant	Vulnerability assessment and remediation guidance.	2012-2013	Full Time

5. Certifications or Professional Registrations

Program	when	Institution
GIAC Reverse Engineer Malware certified (GREM)	2013	GIAC
Certified Information Security Professional (CISSP)	2011	ISC ²

6. Current membership in professional organizations

Professional Organization	Title	when
IEEE	Member	2004
OWASP	Life-time Member	2013

7. Honors and awards

Honor / Award	Awarded by	when
Kent Fuka Graduate Research Award	Southern Methodist University, USA	2011
SMU Graduate Student Award	Southern Methodist University, USA	2011
The National Dean List Award	Rice University, USA	2007
The Chancellor's List	Rice University, USA	2005-2006

8. Service activities (within and outside of the institution)

Name of Service	Institution	Title	when
Ethics Review Committee	Dept. of Information Science, Kuwait University	Vice-Chair	2019-2020
Research Committee	Dept. of Information Science, CCSE, Kuwait University	Member	2019-2020 2014-2015
Scholarship Committee	Department of Information Science, CCSE, Kuwait University	Member	2015-2016
Assessment and Improvement Committee	Department of Information Science, CCSE, Kuwait University	Member	2015-2016

9. Briefly list the most important publications and presentations from the past 5 years

- Omar Alibrahim and Majid Malaika, *Abusing smart contract and blockchain for botnet command & control*, International Journal of Information and Computer Security, 2019 (To appear).
- Tim Morgan and Omar Al Ibrahim, *Xml Schema, DTD, and Entity Attacks*, Whitepaper. Virtual Security Research (VSR) LLC., 2014.
- Omar Al Ibrahim and Majid Malaika, *Forensics Analysis with FTK: A Case Study Scenario*, eForensics Magazine, Feb 2013.
- Suku Nair, Omar Al Ibrahim, Subil Abraham, *State Machine-Based Security Fusion for Resource-Constrained Environments*, Special Issue on Security and Privacy in Complex Systems, IEEE Systems Journal, vol. 7, no. 3, pp. 430-441, 2013.