

AHMED MUBARAK AHMED AL-HAIQI

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DOB: 28 Oct 1979



OBJECTIVE

- Lecturer in Computer Science and Communications Engineering related courses
- Researcher in Cybersecurity, Internet of Things, Machine/Deep Learning & SDN technologies

EDUCATION *

- PhD (Sensor-Based Side-Channel Security Threats on Android Platform) [Feb. 2015] Engineering Faculty; UKM – Malaysia
- Master of Engineering (Communications and Computer Engineering) [Aug. 2010] Engineering Faculty; UKM – Malaysia (3.78/4.0 Grade A)
- Bachelor Degree in Computer Science and Engineering [Oct. 2003] Engineering Faculty; Aden University – Yemen (4.51/5.0 Grade A)

WORK EXPERIENCE

- 2016 – present: Senior Lecturer
Universiti Tenaga Nasional – Malaysia
- 2014 – 2015: Research Assistant
University of Malaya – Malaysia
- 2011 – 2012: Analytic Programmer, Head of Internet Applications Admin Department, and Part-time Lecturer in Faculty of Information Technology
Al-Madinah International University – Malaysia
- 2006 – 2008: Senior Database Developer
Aden Free-zone – Yemen
 - Leading developer in the team responsible for activating, maintaining, and enhancing the *Investment System*, the main automated system supporting the activity of the developing free zone in south of Yemen.
- 2007 – 2008: Lecturer
Aptech Computer Education, Aden Branch – Yemen
 - Operating Systems Concepts
 - Advanced Computer Architecture
 - Networking Essentials
- 2003 – 2006: Oracle Developer, Senior
Public Electricity Corporation, Aden – Yemen
 - Extensive *Oracle Developer* Forms and Reports creation and maintenance for the legacy Billing System in the Electricity Corp.

ACHIEVEMENTS

- Publishing a number of scholar papers (please refer to my [Google Scholar Citations](#))
- Participating in a number of interdisciplinary research project (as both researcher and developer) across the fields of computer engineering and science, security, healthcare, food science and biomedical engineering, among others
- Designing and developing a number of database systems for governmental and private sector business, including:
 - Commercial and Industrial Chamber, Aden.
 - Registration department, Aden University.
 - Eye Consultants Medical Centre, Sana'a.
- Achieving Excellent grades in all high school and academic degrees
- Obtaining a number of certificates from online MOOCs, CEHv8 and ITILv3.

SPECIALISMS

Research

- Computer security including mobile security.
- Emerging communications, networking and computing technologies; e.g. SDN & IoT
- Data analytics and applied machine learning

Developing Technology

- Assembly, C, C++, Java, Python, MATLAB, VB, VBA programming languages
- HTML, JavaScript, PHP scripting languages
- PL/SQL, SQL

Platforms

- Windows, Linux, Android

PROFESSIONAL MEMBERSHIP

- IEEE member, since Jan. 2013 to present
- Internet Society member, since Dec. 2014 to present

FEATURES

- Distinguished command of read and written English (especially academic)
- Distinguished ability to learn and adapt to new technologies and work load

* References available upon request



Ahmed Al-Haiqi

Universiti Tenaga Nasional
(UNITEN)

IoT
SDN
Cybersecurity
Applied ML/DL
Data Analysis

	All	Since 2015
Citations	593	581
h-index	11	11
i10-index	12	12

TITLE	CITED BY	YEAR
Evaluation and selection of open-source EMR software packages based on integrated AHP and TOPSIS AA Zaidan, BB Zaidan, A Al-Haiqi, MLM Kiah, M Hussain, M Abdulnabi Journal of biomedical informatics 53, 390-404	88	2015
The landscape of research on smartphone medical apps: Coherent taxonomy, motivations, open challenges and recommendations M Hussain, A Al-Haiqi, AA Zaidan, BB Zaidan, MLM Kiah, NB Anuar, ... Computer methods and programs in biomedicine 122 (3), 393-408	87	2015
Multi-criteria analysis for OS-EMR software selection problem: A comparative study AA Zaidan, BB Zaidan, M Hussain, A Haiqi, MLM Kiah, M Abdulnabi Decision support systems 78, 15-27	65	2015
Open source EMR software: Profiling, insights and hands-on analysis MLM Kiah, A Haiqi, BB Zaidan, AA Zaidan Computer methods and programs in biomedicine 117 (2), 360-382	59	2014
Determination of DPPH free radical scavenging activity: application of artificial neural networks KH Musa, A Abdullah, A Al-Haiqi Food chemistry 194, 705-711	51	2016
A distributed framework for health information exchange using smartphone technologies M Abdulnabi, A Al-Haiqi, MLM Kiah, AA Zaidan, BB Zaidan, M Hussain Journal of biomedical informatics 69, 230-250	41	2017
A security framework for nationwide health information exchange based on telehealth strategy BB Zaidan, A Haiqi, AA Zaidan, M Abdulnabi, MLM Kiah, H Muzamel Journal of medical systems 39 (5), 51	39	2015
A security framework for mHealth apps on Android platform M Hussain, A Al-Haiqi, AA Zaidan, BB Zaidan, M Kiah, S Iqbal, S Iqbal, ... Computers & Security 75, 191-217	37	2018
A New Sensors-Based Covert Channel on Android A Al-Haiqi, M Ismail, R Nordin The Scientific World Journal 2014 (Article ID 969628), 1-14	32	2014

TITLE	CITED BY	YEAR
The rise of keyloggers on smartphones: A survey and insight into motion-based tap inference attacks M Hussain, A Al-Haiqi, AA Zaidan, BB Zaidan, MLM Kiah, NB Anuar, ... Pervasive and Mobile Computing 25, 1-25	31	2016
On the best sensor for keystrokes inference attack on android A Al-Haiqi, M Ismail, R Nordin Procedia Technology 8, 947-953	27	2013
Keystrokes Inference Attack on Android: A Comparative Evaluation of Sensors and Their Fusion A Al-Haiqi, M Ismail, R Nordin Journal of ICT Research and Applications 7 (2), 117-136	11	2013
Beyond ubiquitous computing: The Malaysian HoneyBee project for innovative digital economy A Patel, R Nordin, A Al-Haiqi Computer Standards & Interfaces 36 (5), 844-854	9	2014
The eye as a new side channel threat on smartphones A Al-Haiqi, M Ismail, R Nordin 2013 IEEE Student Conference on Research and Developement, 475-479	5	2013
Development of a Mobile Game Application to Boost Students' Motivation in Learning English Vocabulary MM Elaish, NA Ghani, L Shuib, A Al-Haiqi IEEE Access 7, 13326-13337	3	2019
Insider Threats + Disruptive Smart Phone Technology = New Challenges to Corporate Security A Al-Haiqi, K Jumari, M Ismail Research Journal of Applied Sciences 8 (3), 161-166	3	2013
SDN in the home: A survey of home network solutions using Software Defined Networking AM Alshnta, MF Abdollah, A Al-Haiqi Cogent Engineering 5 (1), 1469949	2	2018
Mobile games for language learning MM Elaish, NA Ghani, L Shuib, AM Al-Haiqi Mobile Applications and Solutions for Social Inclusion, 137-156	2	2018
A New Approach for Privacy-Aware Smart Metering using the Concept of Software Defined Networking A Al-Haiqi, AA Al-Kahtani, FH Nordin, MZ Baharuddin International Journal of Engineering and Technology (UAE) 7 (4), 410-413	1	2018
Fingerprinting Smartphones Remotely via Sensors Data A Al-Haiqi International Journal of Engineering and Technology (UAE) 7 (4.29 Special ...		2018