

PERSONAL STATEMENT:

A committed, knowledgeable and capable Research Fellow. Extensively published in theoretical and experimental work, with significant expertise in cybersecurity, web development, mobile applications development, and cloud computing.

EDUCATION AND QUALIFICATION :

Ph.D. in Computer Science and Informatics, Oakland University, Rochester, MI, USA (2018).

Master of Science in Computer Science, California Lutheran University, Thousand Oaks, CA, USA (2011)

Bachelor in Computer Science, King Khaled University, Abha, Saudi Arabia (2008)

WORK EXPERIENCES :

- SAP developer at Southern Province Cement Company Feb. 2011- May 2011.
- Lecturer in the College of Computer Science and Information System at Najran University 2012 – To date
- Cybersecurity instructor at GenCyber Camp at Oakland University (July 2016 – Aug 2018)

TAUGHT COURSES:

Human Computer Interaction and Internet Technologies

PROFESSIONAL SKILLS:

- Knowledge of programming languages including (Java, Python, ASP.NET, Bash Script, SQL, php, HTML, CSS, Java Script, APAB)
- Knowledge of web technologies, protocols and tools.
- Experience in various operating systems.
- Software testing & programming
- Structured query language (SQL)
- Database design

PUBLICATIONS:

[1] **Hani Alshahrani**, Abdulrahman Alzahrani, Alexandra Hanton, Ali Alshehri, Huirong Fu and Ye Zhu. "DroidData: Tracking and Monitoring Data Transmission in the Android Operating System." Communications and Network vol. 9, no. 03, pp.192-206, (2017) DOI: 10.4236/cn.2017.93014

[2] Ali Alshehri, Anthony Hewins, Maria McCulley, **Hani Alshahrani**, Huirong Fu and Ye Zhu. "Risks behind Device Information Permissions in Android OS." Communications and Network vol. 9, no. 04, pp.219-234, (2017) DOI: 10.4236/cn.2017.94016

[3] **Hani Alshahrani**, Ali Alshehri, Raed Alharthi, Huirong Fu, and Ye Zhu. "Mitigation Model to Improve Android Security." In Proceedings of the International Conference on Security and Management (SAM), p. 274. The Steering Committee of The World Congress in Computer Science, Computer Engineering and Applied Computing (WorldComp), 2016.

[4] **Hani Alshahrani**, Ali Alshehri, Raed Alharthi, Abdulrahman Alzahrani, Debatosh Debnath, and Huirong Fu. "Live Migration of Virtual Machine in Cloud: Survey of Issues and Solutions." In Proceedings of the International Conference on Security and Management (SAM), p. 280. The Steering Committee of The World Congress in Computer Science, Computer Engineering and Applied Computing (WorldComp), 2016.

[5] **Hani Alshahrani**, Harrison M Mansour, Seaver Thorn, Ali Alshehri, Abdulrahman Alzahrani and Huirong Fu. "DDefender: Android Application Threat Detection Using Static and Dynamic Analysis" 2018 IEEE International Conference on Consumer Electronics (ICCE), Las Vegas, NV, 2018 (**Best Poster**)

[6] **Hani Alshahrani**, Abdulrahman Alzahrani, Ali Alshehri, Raed Alharthi and Huirong Fu. "Evaluation of Gradient Descent Optimization: Using Android Applications in Neural Networks" The 2017 International Conference on Computational Science and Computational Intelligence, Las Vegas, NV, 2017

[7] Abdulrahman Alzahrani, Ali Alshehri, Raed Alharthi, **Hani Alshahrani** and Huirong Fu. "An Overview of Ransomware in the Windows Platform" The 2017 International Conference on Computational Science and Computational Intelligence, Las Vegas, NV, 2017

[8] Abdulrahman Alzahrani, Raed Alharthi, **Hani Alshahrani**, and Ali Alshehri. " An Overview of Cloud Networks and Datacenters Centralization " The 2017 International Conference on Computational Science and Computational Intelligence, Las Vegas, NV, 2017

[9] Ali Alshehri, **Hani Alshahrani**, Abdulrahman Alzahrani, Raed Alharthi, Huirong Fu, Anyi Liu, and Ye Zhu. "DOPA: Detecting Open Ports in Android OS," IEEE Conference on Communications and Network Security (CNS 2018), Beijing, China

[10] Abdulrahman Alzahrani, Ali Alshehri, **Hani Alshahrani**, Raed Alharthi, Huirong Fu, Anyi Liu and Ye Zhu. "RanDroid: Structural Similarity Approach for Detecting Ransomware Applications in Android Platform," 17th Annual IEEE International Conference on Electro Information Technology (eit2018), Rochester, Michigan, USA

[11] Raed Alharthi, Abdelnasser Banihani, Abdulrahman Alzahrani, Ali Alshehri, **Hani Alshahrani**, Huirong Fu, Anyi Liu and Ye Zhu. "Location Privacy Challenges in Spatial Crowdsourcing," 17th Annual IEEE International Conference on Electro Information Technology (eit2018), Rochester, Michigan, USA

HONORS/AWARDS:

- 1st Place in IEEE International Conference on Consumer Electronics Best Poster Video Award selected by the Technical Committee

PROFESSIONAL MEMBERSHIPS:

- Member, ACM, Association for Computing Machinery
- Vice president ACM chapter at Oakland University 2017 - 2019
- Member, IEEE Computer Society 2015 – present
- Member, Golden Key International Honour Society
- Member, American Academy of Environmental Engineers and Scientists (AAEES)
- Reviewer in IEEE Access Journal
- Reviewer in Journal of Cloud Computing