

## Academic Resume



### Eman Alashwali

#### Assistant Professor, Information Systems Department

I hold a DPhil (Phd) degree in Computer Science (Cyber Security) from the University of Oxford, UK. Prior to that, I completed a MSc. in Information Security from University College London (UCL), London, UK. Before that, I completed a BSc. on Computer Science, with a second class honour degree from King Abdulaziz University (KAU). Additionally, I have a Diploma in English for Academic Purposes from UCL, UK.

#### Contact Information.

Room 141, ealashwali@kau.edu.sa.

#### Highest Degree.

2020, , Cyber Security , University of Oxford, UK.

#### Academic and Professional Experiences.

1. **2022 - Present**  
Collaboration Visitor, US, Carnegie Mellon University (CMU).
2. **2021 - 2022**  
Deputy Director, Cyber Security Club, College of Computing and IT, KAU, College of Computing and IT, KAU.
3. **2020 - Present**  
Assistant Professor, College of Computing and IT, KAU.
4. **2014 - 2015**  
Student Activities Chair, IEEE Western Saudi Section, IEEE.
5. **2013 - 2020**  
Lecturer, College of Computing and IT, KAU.
6. **2008 - 2011**  
The Founding Head of the Labs and Technical Support Unit, College of Computing and IT, KAU.
7. **2007 - 2013**  
Teaching Assistant, College of Computing and IT, KAU.
8. **2006 - 2007**  
Junior Network Administrator, IT Dept., Dar Al-Hekma University.
9. **2006 - 2006**  
Graphi Designer, IT Dept., Effat University.
10. **2004 - 2006**  
Network and User Support Coordinator at Dar Al-Fikr Schools, , .

## **Research Interests.**

Cyber Security, usable security, people and security, Internet measurement, protocols.

## **Teaching Interests.**

Cyber Security, usable security, people and security, Internet measurement, protocols.

## **Certifications and Trainings.**

1. Microsoft Certified Systems Administrator (MCSA).
2. A+ Certified Professional from the Computing and Technology Industry Association (CompTIA).
3. I-Net+ Certified Professional from CompTIA.
4. Network+ Certified Professional from CompTIA.
5. Social and Behavioural Science Research.

## **Social, Scientific and Professional Affiliation.**

1. 2021-Present, College of Computing & IT, KAU.

## **Excellence Awards and Patents.**

1. 2015, International, IEEE Clementina Saduwa Award for Women in Engineering
2. 2015, International, IEEE R8 Exemplary Student Branch Counselor
3. 2019, International, Best Paper Award at 15th International Conference on Security and Privacy in Communication Networks (SecureComm 2019) for our paper "Towards Forward Secure Internet Traffic" by E. Alashwali, P. Szalachowski, and A. Martin

## Publications.

1. E. Alashwali and F. Alashwali, "Saudi Parents' Security And Privacy Concerns About Their Children's Smart Device Applications", *Child-Computer Interaction*, 2022.
2. E. Alashwali, P. Szalachowski, and A. Martin, "Exploring Https Security Inconsistencies: A Cross-Regional Perspective", *Computers & Security*, 2020.
3. E. Alashwali, P. Szalachowski, and A. Martin, "Does Ww. Mean Better Transport Layer Security?", *The 14th International Conference On Availability, Reliability And Security (Ares 2019)*, 2019.
4. E. Alashwali, P. Szalachowski, and A. Martin, "Towards Forward Secure Internet Traffic", *15th International Conference On Security And Privacy In Communication Networks (Securecomm 2019)*, 2019.
5. E. Alashwali and P. Szalachowski, "Dstc: Dns-Based Strict Tls Configurations", *The 13th Int. Conference On Risks And Security Of Internet And Systems (Crisis)*, 2018.
6. E. Alashwali and K. Rasmussen, "On The Feasibility Of Fine-Grained Tls Security Configurations In Web Browsers Based On The Requested Domain Name", *15th International Conference On Security And Privacy In Communication Networks (Securecomm 2019)*, 2018.
7. E. Alashwali and K. Rasmussen, "What's In A Downgrade? A Taxonomy Of Downgrade Attacks In The Tls Protocol And Application Protocols Using Tls", *6th International Workshop On Applications And Techniques In Cyber Security (Atcs 2018)*, 2018.
8. E. Alashwali and H. Ben-Abdallah, "Design And Evaluation Of Competition-Based Hacking Exercises", *Ieee Global Engineering Education Conference (Educon 2015)*, 2015.
9. E. Alashwali, "Incorporating Hacking Projects In Computer And Information Security Education: An Empirical Study", *Int. J. Electronic Security And Digital Forensics*, 2014.
10. E. Alashwali, "Cryptographic Vulnerabilities In Real-Life Web Servers", *The 3rd International Conf. On Communications And Information Technology (Iccit 2013)*, 2013.