

Academic Curriculum Vitae



Personal Information:

Full Name: Omed Saleem Khalind

Academic Title: Lecturer

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Education:

- Oct 2011 – Dec 2015 Ph.D. in Computing (Multimedia Security), University of Portsmouth, UK
- Nov 2006 – Dec 2008 M.Sc. in Software Engineering, University of Salahaddin, Erbil
- Sep 2000 – June 2004 B.Sc. in Software Engineering, University of Salahaddin, Erbil (First class degree with highest grade at the college)

Employment:

- Sep 2017 – Now Lecturer – Department of Software and Informatics Engineering, College of Engineering, University of Salahaddin, Erbil.
- Oct 2011 – Dec 2015 Research student at School of Computing, University of Portsmouth, UK.
- May 2011 – Sep 2011 Student – University Preparation Course, Language Specialists International, Portsmouth, UK. Got 6.0 in IELTS academic English test.
- Aug 2009 – May 2011 Assistant lecturer - Department of Software Engineering, College of engineering, University of Salahaddin, Erbil.
- Oct 2009 – Jul 2010 Visiting Lecturer - Information System Dept., Technical College, Erbil.
- Jan 2009 – Jul 2010 Visiting Lecturer - (Computer and Software) Engineering Dept., College of Engineering, University of Koya.

Qualifications

- Apr 2019 A certificate of attending and presenting a research paper in the **Second International Conference of Engineering and Innovative Technology, SU-ICEIT 19**, Erbil (Iraq).

- Apr 2015 A certificate of attending and presenting a research paper in the **SPIE Sensing Technology + Applications**, Baltimore (USA).
- Apr 2015 **Best Paper Award** for an outstanding paper "*A better detection of 2LSB steganography via standard deviation of the extended pairs of values*" presented at Mobile Multimedia/ Image Processing, Security, and Applications conference, Baltimore (USA).
- Jan 2015 A certificate of presenting a research paper in the **4th International Conference on Signal and Image Processing**, AIRCC Publishing Corporation, Zurich (Switzerland).
- Dec 2013 A certificate of attending and presenting a research paper in the **IEEE's 13th International Symposium on Signal Processing and Information Technology (IEEE ISSPIT 2013)**, Athens (Greece).
- Oct 2013 A certificate of attending **The Graduate Students Professional Development Programme – GPROF**, University of Portsmouth (UK).
- Sep 2012 A certificate of attending the **12th International School on Foundations of Security Analysis and Design** at the University Residential Centre of Bertinoro (Italy).
- Aug 2011 A certificate of successful completion of **Portsmouth University Pre-Sessional Course**, Language Specialists International, Portsmouth (UK).
- Dec 2010 A certificate from Middle East Technical University (Turkey) – AVICENNA Virtual Campus Project for **Online Course Development and Quality Control**.
- May 2010 A certificate of successful completion of the **Teaching Methodology Programme** at University of Salahaddin, Erbil (Iraq).
- Apr 2010 A certificate from UNESCO – Philadelphia University (Jordan) for **Online Course Development**.
- Aug 2008 Professional support certificate from UK's National School of Government during the **Quality Assurance and Transparency** training course, London (UK).
- Dec 2004 A certificate of attending the **Basic Management and Supervisory Skills** of the Skills building for managers and supervisors training program, USAID/ RTI, Duhok (Iraq).
- Nov 2004 – Aug 2009 Prepared presentations, handouts, provided IT support, actively attended and took benefit from all the following workshops in KIPA:
 - ✓ Basic Management Skills.
 - ✓ Basic Supervisory & Management Skills.
 - ✓ Management Skills for Active Employee.
 - ✓ Towards Advanced Administrative Mentality.
 - ✓ Art of Treating and Etiquette.
 - ✓ Time Management ART
 - ✓ Principles of Making Jobs Institutional
 - ✓ Management Skills for Active Director
 - ✓ Quality Management & Planning
 - ✓ Change Management ART
 - ✓ Decision Making.
 - ✓ How to make all to participate in Decision Making.
 - ✓ Training Module on Secretarial Effectiveness.
 - ✓ Financial Auditing Training.
 - ✓ Financial System & Banking.
 - ✓ Monetary & Financial Marketing.
 - ✓ Money and Inflation.
 - ✓ Accounting Concepts IAS (International Accounting Standards).
 - ✓ Engineering Projects Planning & Management.

- ✓ Management in Primary Health Care
- ✓ Management & Leadership Skills at Primary Health Care Level.
- ✓ Environment Management & Protection.
- ✓ Agricultural Program & Project Design

Teaching experience:

- Object-Oriented programming (Java).
- Software Engineering
- Computer Architecture II
- Compilers
- Computer Applications
- Information Security

Research and publications

- Khalind, O. (2019). Steganography-based Password Management: A conceptual Model. *ZANCO Journal of Pure and Applied Sciences*, ZJPAS (2019) , 31(s3), 61-68.
- Khalind, O., & Aziz, B. (2015, May). *A better detection of 2LSB steganography via standard deviation of the extended pairs of values*. Paper presented at the Mobile Multimedia/Image Processing, Security, and Applications 2015, 94970E-8, Baltimore, US.
- Khalind, O., & Aziz, B. (2015, January). *LSB Steganography with Improved Embedding Efficiency and Undetectability*. In 4th International Conference on Signal & Image Processing (SIP 2015), Zurich, Switzerland, (pp. 89-105).
- Khalind, O., & Aziz, B. (2014, May). *Detecting 2LSB steganography using extended pairs of values analysis*. In SPIE Sensing Technology+ Applications. (pp. 912003-912003). International Society for Optics and Photonics.
- Khalind, O., & Aziz, B. (2013, December). *Single-mismatch 2LSB embedding steganography*. In Signal Processing and Information Technology (ISSPIT), 2013 IEEE International Symposium on (pp. 000283-000286). IEEE.
- Khalind, O. S., Hernandez-Castro, J. C., & Aziz, B. (2013). A study on the false positive rate of Stegdetect. *Digital Investigation*, 9(3), 235-245.
- Sadiq, A., Smko, R., & Khalind, O. (2009). A Coding-Based Steganography Using Multiple Frequency Domains. *Al-anbar University for Pure Science*, 3(1).
- Smko, R., & Khalind, O. (2010, December). *Robustness Technique for Digital Image Watermarking Using Frequency Domain Transformations*. In 11th International Arab Conference on Information Technology (ACIT'2010), Benghazi, Libya, (pp. 1-7).

Conferences and courses attended

- Give details of any conferences you have attended, and those at which you have presented delivered poster presentations.

Funding and academic awards

- I got a grant for participating the Cryptoforma meeting in Edinburg, UK.
- I got a grant from Cryptoforma security group for the summer school in Bertinoro/ Italy.
- I got a grant to present my research article in the 4th International Conference on Signal & Image Processing (SIP 2015), Zurich, Switzerland.
- I got a grant to present my research article in the SPIE Sensing Technology+ Applications conference, 2015, Baltimore, US.

Professional memberships

- Kurdistan Engineers Union

Professional Social Network Accounts:

- Google Scholar: <https://scholar.google.com/citations?user=rt4-hTQAAAAJ&hl=en>
- LinkedIn: <https://www.linkedin.com/in/omed-khalind-71a97a125/>
- ResearchGate: <https://www.researchgate.net/profile/Omed-Khalind-2>
- ORCID: <https://orcid.org/0009-0003-2555-2549>