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**Huwida Said, Ph.D.**  
**Associate Professor**  
**College of Technological Innovation**  
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### **Academic Background**

Ph.D. The University of Reading, Reading, United Kingdom, Computer Science, 1999  
Fellowship Graduate School of Management and Technology, University of Maryland, University College, Baltimore, MD, USA, Information Assurance (IT minor), 2008  
BEng The University of Wales, Swansea, Swansea, South Wales, UK, Electrical and Electronic Engineering, 1995

### **Work Experience**

#### **Academic Experience**

Associate Professor, Zayed University (ZU) (June, 2012 - Present), Dubai, United Arab Emirates.  
Assistant Professor, Zayed University (ZU) (January, 2007 - June, 2012), Dubai, United Arab Emirates.  
Assistant Professor, Morgan State University (MSU) (August, 2005 - June, 2007), Baltimore, Maryland.  
Lecturer, Morgan State University (MSU) (September, 2004 - June, 2005), Baltimore, Maryland.  
F/T Instructor, The Higher Colleges of Technology (August, 2000 - July, 2001), Abu Dhabi, United Arab Emirates.  
F/T Researcher and P/T Instructor, The University of Reading (October, 1995 - December, 1999), Rearding, United Kingdom.

#### **Certifications**

Cyberlaw, NSF-MAISA, Oct, (Oct, 2005), Maryland,USA.  
Information systems Vulnerability and Risk Analysis, NSF-MAISA, Mar, (Mar, 2005), Maryland, USA.  
Network Security, NSF-MAISA, Mar, (Mar, 2006), Maryland,USA.  
Application Software Security & Operating Systems Security, NSF-MAISA, June (June, 2005), Maryland, USA.  
Computer and Network Forensics, NSF-MAISA, June (June, 2006), Maryland,USA.  
CISCO Professor Security Development, CISCO Systems, July (July, 2005), Maryland, USA.  
EC-Council Partener Sales Training Program, EC-Council, Jan, (Jan, 2012), Dubai, UAE.  
Applied Cryptography, NSF-MAISA, Feb, (Feb, 2005), Maryland, USA.  
Post Doct-Certificate on Information Assurance, UMUC, 2006 (2006-2008), Maryland,USA.  
Mastering Microsoft Visual Basic 6 Fundamentals, MS 1303, 2001 (2001), Dubai, UAE.

#### **Memberships**

Member of IEEE, 2010-present  
Member of ACM, 2009-present  
Member of CISCO- Networking Academy, 2009-present

#### **Teaching Activities**

2015 - CIT335-Information Security Technologies.  
2015 - CIT330-Ethical Hacking and Countermeasures.  
2015 - CIT315-Operating Systems Admins.  
2015 - CIT235-Information Security Bascis.  
2014 - CIT545-Penetration Testing and Advance Ethical Hacking Techniques.  
2014 - CIT308-Linux Security.

#### **Service:**

#### **Service to the University**

### **College Assignments**

#### **Faculty Advisor:**

2009-2010: Graduate Courses Improvement/Revising: CIT505,CIT508, CIT510, CIT520, CIT545, CIT579.

2008-2009: Undergraduate Course Development:: CIT330, 'Ethical Hacking and Countermeasures'.

2007-2008: Undergraduate Course Development:: CIT430 'Information Security Management'.

### **College Assignments**

#### **Member:**

2011-2012: ABET Accreditation Committee (ABAC)

### **College Assignments**

#### **Member:**

2014-2015: College Council Committee

2013-2014 – 2014-2015: Curriculum Review Committee

2008-2009: Academic Affairs Committee (AAC)

### **College Assignments**

#### **Member:**

2011-2012 – 2014-2015: Faculty Search Committee

2009-2010: Graduate Committee

### **College Assignments**

#### **Member:**

2010-2011: Graduate Program Committee (GPC)

2009-2010: Graduate Program Committee(GPC)

### **College Assignments**

#### **Member:**

2012-2013 – 2014-2015: Promotion Committee

2010-2011 – 2014-2015: Research Committee

2009-2010 – 2011-2012: Marketing and Students Recruitment Committee (CMSR)

2009-2010: Research

### **College Assignments**

#### **Member:**

2011-2012 – 2013-2014: Students Affaris Committee

#### **Mentoring Activities:**

2010-2011: Capstone Project supervising: Supervised 2 undergraduate students capstone project which has received the best project poster work at the Undergraduate Research Conference(URC2011), Zayed University, Dubai. Project published on IEEE (MEEM),March 2012.

### **College Assignments**

#### **Mentoring Activities:**

2009-2010 – 2010-2011: College Educational Field Trips: Dubai GAME EXPO'10, Dec 2010, IEEE, Current Trends in Information Technology, (CTIT'11) Sept 2009

2008-2009: Educational Field trips: GITEX'08 exhibition, College of IT Security Program, UAE University in Al-Ain

2007-2008: College Educational Field Trips: Student visit to the Mall Of Emirate's Network and Security Department workshop,

Sept 2007.

### **College Assignments**

#### **Mentoring Activities:**

2009-2010: Graduate Research Project: I have advised 2 (4 students) different graduate student projects for the CIT515 course. The projects have received a high recognition and as a results two papers where published in the IEEE 7thInternational Conference on Innovation in Information Technology,(Innovation'11), April, 25th -27th, Abu Dhabi, UAE.

### **College Assignments**

#### **Other Institutional Service Activities:**

2007-2008 – 2014-2015: College Majors' Day

### **University Assignments**

#### **Member:**

2008-2009: University Graduate Programs Committee

### **University Assignments**

#### **Member:**

2008-2009 – 2009-2010: University Graduate Programs Committee (UPC)

## **Service to the Profession**

### **Academic Conference: Panelist**

2008: Recent Advances in Information Security Symposium (RAISS2008), Sharjah, United Arab Emirates.

### **Chair: Conference / Track / Program**

2015: 7th Annual Undergraduate Research conference in Applied Computing, (URC15).

2014: 6th Annual Undergraduate Research conference in Applied Computing, (URC14), Dubai, United Arab Emirates.

2014: The Sixth International Conference on New Technologies, Mobility and Security (NTMS'2014 ), 30/3-2/4, 2014, Dubai, United Arab Emirates.

2013: 1st IEEE International Conference on Computer Systems and Industrial Informatics (ICCSII'12), Sharjah, United Arab Emirates.

2013: 5th Undergraduate Research Conference (URC2013), Dubai, United Arab Emirates.

2012: 4th Undergraduate Research Conference (URC2012), Dubai, United Arab Emirates.

2012: 8th International Conference on Innovation in Information Technology,(Innovation'12), March,18th -20th,, Abu Dhabi, United Arab Emirates.

2012: 2nd Undergraduate Intercollegiate Cyber Defense Competition (UICDC2012), Dec 1st, 2012, Zayed University,, Dubai, United Arab Emirates.

2011: 6th International Conference on Internet Technology and Secured Transactions (ICITST 2011) - IEEE, Abu Dhabi, United Arab Emirates.

2011: 1st Undergraduate Intercollegiate Cyber Defense Competition (UICDC2011), Dubai, United Arab Emirates.

2009: 6th Intenational Conference on Innovation in IT (Innov09), Al-Ain, United Arab Emirates.

### **Presentation**

2011: 7th International Conference on Innovation in Information Technology,Innovation'11, April, 25th -27th, AD, United Arab Emirates.

2011: 6th International Conference on Internet Technology and Secured Transactions (ICITST 2011),IEEE, Abu Dhabi, United Arab Emirates.

2009: 14th Annual SIGCSE Conference on Innovation and Tech in Comp Sci Edu ITICSE 2009, Paris, France.

### **Reviewer: Conference Paper**

2015: 7th Annual Undergraduate Research conference in Applied Computing, (URC15).

2014: 6th Annual Undergraduate Research conference in Applied Computing, (URC14), Dubai, United Arab Emirates.

2014: International Conference on New Technologies, Mobility and Security (NTMS), Dubai, United Arab Emirates.

2014: 4th International Conference on Communication and Network Security (ICCNS 2014), Milan, Italy.

2013: 3rd International Conference on Communication and Network Security (ICCNS 2013), London, United Kingdom.

2013: 1st IEEE International Conference on Computer Systems and Industrial Informatics (ICCSII'12), Sharjah, United Arab Emirates.

2013: 5th Undergraduate Research Conference (URC2013), Dubai, United Arab Emirates.

2012: CUBE2012 International IT Conference and Exhibition, Puna, India.

2012: The International Journal of Information Technology and Web Engineering (IJITWE'12).

2012: 4th Undergraduate Research Conference (URC2012), Dubai, United Arab Emirates.

2012: 8th International Conference on Innovation in Information Technology, (Innovation'12), March, 18th -20th,, Abu Dhabi, United Arab Emirates.

2011: IEEE Multidisciplinary Engineering Education Magazine (MEEM), Montreal, Canada.

2011: The 6th International Conference for Internet Technology and Secured Transactions (ICITST-2011), Abu Dhabi, United Arab Emirates.

2011: 1st Annual IT competition, Abu Dhabi, United Arab Emirates.

2011: 3rd Annual Undergraduate Research Conference on Applied Computing (URC2011), Dubai, United Arab Emirates.

2010: 2nd International Conference on Digital Forensics and Cyber Crime (ICDF2C), Abu Dhabi, United Arab Emirates.

2010: 2nd Annual Undergraduate Research Conference on Applied Computing (URC2010), Dubai, United Arab Emirates.

2009: Workshop on Web Privacy and Trust (WPT2009), Milan, Italy.

2009: 1st Undergraduate Research Conference on Applied Computing (URC2009), May 5th, Dubai, United Arab Emirates.

## **Service to the Community**

### **Chair of a Committee**

2014: DU Hackathon Cyber Security Competition, Mentored 5 Junior to Senior Students at the DU Hackathon Cyber Security Competition.

2012: 2nd Undergraduate Intercollegiate Cyber Defense Competition (UICDC2012)

2011: The Global Cyberlympic, Chair a team for an International Ethical Hacking Competition During the GITEX2011. Students and faculty team won the third position.

2011: 1st Undergraduate Intercollegiate Cyber Defense Competition (UICDC2011)

### **Other Community Service Activities**

2014: Best M-Government Service Award

## **Faculty Development**

### **Assurance of Learning - Professional Development**

2015: CISCO Certified Network Associate (CCNA) Program-CCNA Exploration-Zayed Networking Regional Academy, Dubai, United Arab Emirates.

2014: EC-Council, Ethical Hacking and Countermeasures bootcamp, CEH Ver. 8.0, Abu Dhabi, United Arab Emirates.

2012: CISCO Training Course , Interconnecting CISCO Networking Devices ICND1, ICND2, Dubai, United Arab Emirates.

2011: Attended a training ' Certified Information Systems Security Professional' (CISSP), Dubai, United Arab Emirates.

2011: EC-Council, Ethical Hacking and Countermeasures bootcamp, CEH Ver 7.0, Dubai, United Arab Emirates.

2009: EC-Council, Ethical Hacking and Countermeasures bootcamp, CEH Ver. 6.0, Dubai, United Arab Emirates.

2009: Attended a training on Securing ASA and PIX Firewalls Devices, Dubai, United Arab Emirates.

2008: CISCO Certified Network Associate (CCNA) Program-CCNA Exploration-Zayed Networking Regional Academy, Dubai, United Arab Emirates.

## **Intellectual Contributions:**

### **Presentation of Refereed Papers**

#### **International**

Said, H., Guimaraes, M., Al Mutawa, N., & Al Awadhi, I. (2011, December). Forensics and War-driving on Unsecured Wireless Network. 6th International Conference for Internet Technology and Secured Transactions (ICITST-2011), Dec 11-14, Yas Island, Abu Dhabi, Abu Dhabi, United Arab Emirates.

Guimaraes, M., Said, H., & Austin, R. (2011, October). Experience with Video Game For Security. The 27th Annual Consortium for Computing Sciences in Colleges, CCSC, October 14th -15th, Arlington, Virginia.

Guimaraes, M., Said, H., & Austin, R. (2011, July). Using Video Games to Teach Security. 16th ACM-SIGCSE annual Conference on Innovation and Technology in Computer Science Education (ITICSE2011), Darmstadt, Germany.

- Alraeesi, H., Al-Hashemi, S., Said, H., & Guimaraes, M. (2011, April). Secure Web Server for Iphone. 7th International Conference on Innovation in Information Technology, Innovation'11, April, 25th -27th, Al-Ain, United Arab Emirates.
- Said, H., Guimaraes, M., Al Mutawa, N., & Al Awadhi, I. (2011, April). Forensics Analysis of Private Browsing Artifacts. 7th International Conference on Innovation in Information Technology, Innovation'11, April, 25th -27th, Al-Ain, United Arab Emirates.
- Guimaraes, M., Austin, R., & Said, H. (2010, October). Database Forensics. Information Security Curriculum Development Conference, (InfoSecCD'10), Oct 1st -2nd, 2010., Atlanta, Georgia.
- Said, H. E., Guimaraes, M., Mamar, Z., & Jololian, L. (2009, July). Database and Database Application Security. Innovation and Technology in Computer Science Education (ITICSE2009), Paris, France.

## Refereed Articles

- Said, H. E. & Al-Barghuthi, N. B.J. (2013). Social Network IM Forensics: Encryption Analysis. Journal of Communication.
- Guimaraes, M. & Said, H. (2012). Constructing video games to teach security using Game Maker, Flash and Unity. Journal of Computing Sciences in Colleges, 27 (5), 6-6.
- Guimaraes, M., Said, H. E., & Austin, R. (2012). Experience with Video Game for Security. Journal of Computing Sciences in Colleges, 27 (3), 95-104.
- Said, H., Tan, T. N., & Baker, K. D. (2000). Personal Identification Based on Handwriting. Journal of Pattern Recognition, 33 (1), 149-160.

## Refereed Proceedings

### Full Paper

- Said, H., Alfandi, O., Iqbal, F., Omar, A., Matter, K., Lubna Zuhair (2015). Investigating Malware Behavior Using Passive DNS Data. Graduate Students Research Conference (GSRC 2015), Abu Dhabi, UAE
- Marir, F., Said, H. E., & AlAlami, U. (2014). Mining the Web and Medline Text Records to Discover New Facts and to Build an Evolving Diabetic Knowledge Repository. 14th International Conference on Hybrid Intelligent Systems (HIS 2014), HIS 2014 proceedings.
- Said, H. E. & AlBarghuthi, N. B. (2014). Ethics behind Cyber Warfare: A study of Arab Citizens Awareness. 2014 IEEE International Symposium on Ethics in Engineering, Science, and Technology, Ethics'2014, Chicago, IL, USA,: The IEEE International Symposium on Ethics in Engineering, Science, and Technology (Ethics' 2014), May 23rd-24th, pp.1-7.
- Iqbal, A., Obaidli, H., Said, H., & Guimaraes, M. (2013). The Study of the Interrelation between Law Programs and Digital Forensics in UAE. Information Security Curriculum Development Conference (InfoSecCD'13), Oct 12th, Atlanta, Georgia, USA, 100-104.
- Al-Barghuthi, N. B.J. & Said, H. E. (2013). Critical Structure of Ethics behind Offensive Cyber Warfare. International Conference on Current Trends in Information Technology, CTIT 2013, HCTW, USA: IEEE, 198 - 203.
- Yousif, A., Humaid, H., & Said, H. (2011). Smart Phone Forensics and Social Network,. IEEE multidisciplinary engineering education magazine (MEEM),, 6 (4), IEEE, 7-13.
- Said, H., Yousif, A., & Humaid, H. (2011). Iphone Forensics Techniques and Crime Investigations. IEEE International Conference on Current Trends in Information Technology (CTIT2011), October 26th -27t.
- Said, H., Guimaraes, M., Al Mutawa, N., & Al Awadhi, I. (2011). Forensics and War-driving on Unsecured Wireless Network. 6th International Conference for Internet Technology and Secured Transactions (ICITST-2011).
- Said, H., Guimaraes, M., Al Mutawa, N., & Al Awadhi, I. (2011). Forensics Analysis of Private Browsing Artifacts. 7th International Conference on Innovation in Information Technology, Innovation'11 (IIT'11), April, 25th-27th, Al-Ain.
- Guimaraes, M., Austin, R., & Said, H. E. (2010). Database Forensics. Information Security Curriculum Development Conference, (InfoSecCD'10), Oct 1st -2nd, 2010..
- Said, H. E., Guimaraes, M., Mamar, Z., & Jololian, L. (2009). Database and Database Application Security. Innovation and Technology in Computer Science Education (ITICSE2009), France, Paris: Associate for Comuting Machinery (ACM).
- Said, Dr. Huwida E.S., Peake, Dr. Gill S., Tan, Dr. Tienu N., & Baker, Prof. Keith D. (1998). Personal Identification Based on Handwriting. IEEE International Conference on Pattern Recognition (ICPR'98),, Vol (III), Brisbane, Queensland, Australia, August, 16-20: IEEE, 1761-1764.
- Said, Dr. Huwida E., Peake, Dr. Gill S., Tan, Dr. Tienu N., & Baker, Prof. Keith D. (1998). 'Handwriting Based Text Independent Writer Identification. Proceeding. of British Machine Vision Conference (BMVC98), Vol (II), Southampton University, England, UK: Paul H. Lewis and Mark S. Nixon, BMVA, 478-487.
- Said, Dr. Huwida E., Tan, Dr. Tienu N., & Baker, Prof. Keith D. (1998). Writer Identification based on Handwriting. Proceeding . of IEE third European Workshop on Handwriting Analysis and Recognition, pp. 4/1-4/6, 14-15 July 199, vol (1), Brussels, Belgium, July, 14-15, 1998: IEE, Third European Workshop on Handwriting Analysis and Recognition, 4/1-4/6.
- Said, Dr. Huwida E. & Tan, Dr. Tienu N. (1997). Identification Based on Handwriting. IEEE International Conference on Image Processing (ICIP'97), Vol (II), Santa Barbara, CA, USA: , 449-452.

Said, Dr. Huwida E. & Tan, Dr. Tienu N. (1996). A Brief Review on Integrated Audio-Visual Processing for Personal Identification. Proceedings of IEE colloquium on integrated Audio-Visual: Processing for Recognition Synthesis and Communication, pp. 4/1-4/6, Savoy Place, London, No, Vol (1), Savoy Place, London, Nov, 28 1996: IEE, 4/1-4/6.

### **Abstract Only**

Said, H. & Badra, M. (2014). Fazatcom: a UAE Blood Donor System. 7th Annual Undergraduate Research conference in Applied Computing (URC15).

Said, H., Graber, G., & Guimaraes, Dr. Mario (2014). Fun Video Games for Teaching Information Security. 7th Annual Undergraduate Research conference in Applied Computing (URC15).

Said, H., Bataineh, E., & Graber, G. (2014). Mishwar: System to reduce service time at UAE Federal Ministries. 7th Annual Undergraduate Research conference in Applied Computing (URC15).

Iqbal, B., Iqbal, A., Said, H. E., & Guimaraes, M. (2013). Ultra Mobile Forensic Lab. 5th Undergraduate Research Conference on Applied Computing, (URC2013), May 1st -2nd.

Said, H., Ebrahim, H., & AlJasim, N. (2012). Voice Over IP (VOIP) Forensics. 4th Undergraduate Research Conference on Applied Computing, (URC2012), April 18th-19th.

Iqbal, B., Iqbal, A., & Said, H. E. (2012). Touch.Edu A Learning Platform for Dyslexic Children. 4th Undergraduate Research Conference on Applied Computing, (URC2012), April 18th-19th.

Guimaraes, M., Said, H., & Austin,, R. (2012). Using Video Games to Teach Security. 16th ACM-SIGCSE annual Conference on Innovation and Technology in Computer Science Education (ITICSE2011), 27 (3), Journal of Computing Sciences in Colleges, 95-104.

Said, H., Alraeesi, H., Al-Hashemi, S., & Guimaraes, M. (2011). Secure Web Server for Iphone. 7th International Conference on Innovation in Information Technology, Innovation'11, April, 25th -27th, Abu Dhabi, UAE.: IEEE.

Humaid, H., Yousif, A., & Said, H. (2011). Iphone Forensics vs. other Smart phones Forensics Techniques and Crime Investigations. 3rd Undergraduate Research Conference on Applied Computing, (URC2011).

Said, H. E., Al Masoum, N., & Guimaraes, M. (2009). Biometrics Access as System Security Feature in Emirates ID. 1st Undergraduate Research Conference on Applied Computing (URC2009), May 5th.

Said, H. E., Obaidli, S., & Al-Abdouli, A. (2009). Cryptography in the UAE Wireless Networks. 1st Undergraduate Research Conference on Applied Computing (URC2009), May 5th.

Said, H. E., Alsaadi, F., & SaidHosani, H. (2009). Mobile Phone Hacking Issues. 1st Undergraduate Research Conference on Applied Computing (URC2009), May 5th.

### **Articles-in-Progress**

Marir, F. & Said, H. (2014). "Mining Patient Stories in Social Networks to discover Knowledge about Diabetes," Initial submission to Journal of Intelligent Information Systems (JIIS), Springer Verlag

Said, Dr. Huwida, Al Fandi, Dr. Omar, & Iqbal, Dr. Farkund (2014). "Investigating Malware Behavior Using Passive DNS Data," Initial submission.

### **Honors-Awards-Grants**

#### **Award**

2011: 3rd Undergraduate Research Conference on Applied Computing, (URC2011). Best Supervised Undergraduate Project and Best Poster Award

2011: Zayed University. College of Information Technology, (CIT): Exemplary Faculty Award.

2008: Zayed University. College of Information Technology (CIT): Best Teacher Award

### **Grants & Gifts**

#### **Research**

2015: Said, Dr. Huwida E., Bataineh, E., & Graber, G., Video Games to Improve Teaching Digital Forensics, Principal Investigator, The Office of Research, Zayed University.

2015: ALFandi, Dr. Omar, Iqbal, Dr. Farkhund, Said, Dr. Huwida E. , ElBrachi, Dr. May, & Debabi, Dr. Mourad Characterizing Cyber-threat infrastructure for predicting Cyber-attacks in the UAE, Co-Principal Investigator, The Office of Research, Zayed University.

2015: Alfandi, Dr. Omar, Iqbal, Dr. Farkhund, ElBarachi, Dr. May, Said, Dr. Huwida E. , & Debbabi, Dr. Mourad Malware Analysis for Detecting Cyber-threats in the UAE, Co-Principal Investigator, Office of Research, Zayed University.

2014: Marir, F., Said, H. E. , ALAlami, Dr. Usama, & Lessan, Dr. Nader, Text Mining Approaches for developing an integrated diabetic knowledge repository (ontology), Co-Principal Investigator, Office of Research, Zayed Uiversity.

2013 [Year 2 of 2]: Guimaraea, M. & SAid, H. E., Constructing video games to teach security using GameMaker, Flash and Unity,

Co-Principal Investigator, Office of Research, Zayed Uiniversity.

**Teaching**

2014: Said, Dr. Huwida, AlFandi, Dr. Omar, Iqbal, Dr. Farkhund, ElBarachi, Dr. May, & Badra, Dr. Mohamed Infrastructure, Laboratory Equipment, Research, and Library VP Support Grants, Principal Investigator, Office of VP.

**IC Grid:**

Category	DBS	CTP	LPS	Total
Articles in Refereed Journals	2		2	4
Articles-in-Progress (All)		2		2
Publications in Refereed Conference Proceedings	4	17	7	28
Publications of Non-refereed or Invited Papers		1		1
Presentations of Refereed Papers		6	1	7
Presentations of Non-Refereed Papers		5		5
Grants - Funded (both refereed and non-refereed)	3			3
Grants - Pending (both refereed and non-refereed)	3			3
Totals	12	31	10	53

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