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Ali Abdulrazzaq Khudher

OBJECTIVE

To be in an academic environment that inspires continual personal and professional development to fulfill my potential and aspirations. To apply my academic knowledge to provide sustainable successful solutions that meet the social needs of the organization and community.

EDUCATION

Ph.D.
University Science Malaysia, Penang Island, Malaysia.
School of Computer Science, National Advanced IPv6 Centre (NAv6).
Program : Full-time Research Mode.
Area: Computer Networking.
Field: Multimedia Communications Protocols/ VoIP.
Thesis title: Scalable System for Enhancing Session Initiation Protocol Peering.
Oct 2009 – April 2014.

Master
University Technology Malaysia, Johor, Malaysia.
Faculty of Computer Science and Information System.
Program : Full-time Taught Course Mode.
Courses: Advanced Computer Networking, Advanced Database, Advanced Software
Engineering, Advanced Image Processing and Graphics, Advanced Artificial
Intelligent, Advanced Computer Theory and Advanced Computer Architecture.
Dissertation title: Performance Analysis of Voice CODECs for VoIP.
Dec 2006 – Dec 2008.
CGPA: 3.68 of 4.00

Bachelor
University of Mosul, Mosul, Iraq.
College of Computer Science and Mathematics.
Department : Computer Science.
1999 - 2003

- *Ali Abdulrazzaq K., Mohammed F., Adel. N. N., Sureswaran R., Aws N.,* *"*Telephone Number Addressing for SIP Peering within Inter-Domain Voice Communication*", AISS: Advances in Information Sciences and Service Sciences, Vol. 5, No. 11, pp. 178 ~ 186, 2013 (SCOPUS). (Published).*

- *Khudher, A. A., Beng, L. Y., & Ramadass, S. "*A comparative study of direct and indirect static peering for inter-domain sip calls*". In RFID-Technologies and Applications (RFID-TA), 2013 IEEE International Conference on (pp. 1-5), (2013, September). IEEE. (Published).*

- *Ali Abdulrazzaq Khudher, Sureswaran R. "*I-TNT: Telephone number expansion and translation system for managing interconnectivity addressing in SIP peering*" Journal of Engineering Science & Technology (JESTEC), Vol. 10, No. 3, 2015 . SCOPUS (To Appear).*

- *Ali Abd. Khuther, MA Ngadi (2008). "*Performance Analysis of Voice CODEC for VolP*", Computer Networking Book Chapters.UTM.(Published).*

- *Ali Abdulrazzaq Khudher, Sureswaran R. "*I-PNT: Infrastructure Phone Address Manager for Managing Phone numbers in SIP Peering*" International Journal of Network Management, ISI (Impact Factor=0.51). (under review since June 2013).*

- *Jaber, A.N., C.W. Tan, S. Manickam, and **A.A. Khudher**, "Session initiation protocol security: A brief review*", J. Comput. Sci., 8: 348-357. DOI: 10.3844/jcssp.2012.348.357. (Published).*

- *Aws N. J., Kunalan D., Selvakumar M., Azlan O., **Ali A. Khudher** "*Framework for Enhancing Sip Confidentiality to Prevent Unexpected High Sip Server Attacks by Using Crypto-Gateway Sip Server (Cgs)*" 2012 4th International Conference on Computer Research and Development. IPCSIT vol.39 (2012) © (2012) IACSIT Press, Singapore.(Published).*

- *Mohammed Faiz Aboalmaaly , **Ali Abdulrazzaq Khudher**, Hala A. Albaroodi , Sureswaran Ramadass, "*A Performance Analysis between Explicit Scheduling and Implicit Scheduling of Parallel Domain Decomposition using OpenMP*", Journal Of Engineering Science & Technology (JESTEC), 2013*

RESEARCH ACTIVITIES

Reviewer
- Research reviewer in IEEE Colloquium CHUSER.
- Peer reviewer in ICoSSEET Colloquium IEEE.
- Reviewer in journal (Advanced in Information Sciences and Service Sciences) South Korea.

Seminars
- Title: Session Initiation Protocol: Fundamentals and Message Structure.
  Dec 2010
- Title: NAT Traversal Problems and Solutions for SIP-based VoIP.
  Sep 2011
- Title: Public-Private Numbering Translation in Static Indirect VoIP Peering between SIP Service Providers.
  Dec 2012

Workshops
- SIP Application Workshop,   *Aug 2011*
  Australian Academic and Research Network (AARNet).
  Duties:
  - *Coordinator*
  - *Host*
  - *Servers setup*

RESEARCH EXPERIENCE

- **University Science Malaysia**   *Jan 2012 –Jan 2014*
  Research Officer (administrator),
  Project: Inter-domain campuses telephony system.
  Duties:
  Installation, configuration, training, and maintenance.

- **NAv6 Centre, University Science Malaysia**   *Aug 2011 – Apr 2012*
  Research Officer (team leader),
  Project: Asia Pacific Advanced Network (APAN), SIP Peering.
  Duties:
  Installation, R&D, held a workshop, and maintenance.

TEACHING EXPERIENCE

- **Graduate (Teaching) Assistant Fellow, University Science Malaysia**
  Institute of Postgraduate Studies,   *Jun 2010 – Jan 2012*
  Subject: Computer Networking and Communication.

- **Teaching Assistant, College of Education, University of Mosul, Iraq**
  Laboratory Assistant,   *Jan 2004 – Jul 2004*
  Subject: Computer Networking.

COMMUNITY ACTIVITY

- Asia Pacific Advanced Network (APAN) – Member
- Institute of Electrical and Electronics Engineers (IEEE)- Member
- LinkedIn Academic Network - Member

COMPUTER SKILLS

- Network administrator.
- VoIP and IP Telephony services.
- Install/Setup SIP server and clients.
- Efficient in using C/C++ programming.
- Proficient in Microsoft Office Suite.

LANGUAGE

- Arabic (Mother tongue).
- English (Very Good).
- Malay (Good in communication)

PROFILE

- Birthrate: 16 Oct 1981.
- Nationality: Iraqi.
- Marital Status: Married

REFERENCES

- Prof. Dr. Sureswaran Ramadass
  Director, National Advanced IPv6 Centre
  University Science Malaysia
  Telephone: 04-6533004
  Email: sures@nav6.usm.my

- Prof. Dr. Abdul Hanan Bin Abdullah
  Dean of Faculty of Computer Science and Information System
  Universiti Teknologi Malaysia
  Telephone: 07-55323070
  Email: hanan@utm.my