

Abeer Sulaiman Al-Humaimedy

Name as it appears in the passport: Abiar Suliman AlHomaimedi

Contact Details:

Current Address:

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Current role:

PhD student in Computer Science - Software Modeling and Applied Logic (SMAL) group, Department of Informatics, School of Natural & Mathematical Sciences, King's College London.

Lecturer - Information Technology Department, College of Computer and Information Systems (CCIS), King Saud University, Riyadh, Saudi Arabia.

Qualifications and honors

2010 Diploma in English for Academic Purposes (EAP), Language centre, University College of London (UCL)

2009 Certified trainer for distributing the dialogue culture from King Abdul Aziz Dialogue Center

2004 One of the four students in Computer Science nominated to the Prize of Scientific Distinction on behalf of the wife of the Custodian of the Holy Mosque Princess Al-Joharah Al-Braheem

2004 M.Sc in Computer Science with the second honor degree , College of Computer and Information Sciences, King Saud University, Riyadh .

2000 B.S in Computer Applications with the first honor degree , College of Computer and Information Sciences, King Saud University, Riyadh.

Attended training courses (Selected)

2012 Advanced Concurrency/ Model Checking (MCH), Oxford University, Oxford, UK

2011 Concurrency and Distributed Systems (CDS), Oxford University, Oxford, UK

2009 Network & Host Security course, Information Security Consultant – I(TS)2, Riyadh, KSA

2008 Courses in ICDN1 and ICDN2 for CCNA Cisco certification, Global Knowledge, Riyadh, KSA

Professional Experience

1997 – 1999: A Reporter for Risalat Al-Jameah Newspaper, King Saud University.

1998: organizer student in the art section of the Jenadriyah National Festival

1997 – 1998: member of the student Media and Information Committee for the female students Graduate Celebration

2000 – 2003: sub-contractor in King Saud University at the College of Computer and Information Sciences, Computer Applications Department.

2003 – 2006: Teacher assistant in King Saud University at the College of Computer and Information Sciences, Computer Applications Department teaching the labs or the tutorial of (Pascal, C, C++ programming, assembly language, network, computer environment, concepts of programming language, operating system and computer architecture) .

2004, 2009: member of the committee to choose the ideal student of the Information Technology department

2006 – now: Lecturer in King Saud University at the College of Computer and Information Sciences, Computer Applications Department and then Information Technology Department teaching (introduction to computer, MS office, introduction to visual Basic, C programming, operating systems, computer architecture, network administration and software engineering) .

2003, 2006: Leader of students' activities, College of Computer and Information Sciences, Computer Applications Department and then Information Technology Department.

2007: member of the committee to choose the student leader of the Information Technology department

2007 – 2008: member of the makeup exam committee in the Information Technology Department

2008 – 2010: the supervisor of the Digital Minds Club in King Saud University and its branch Student Tech club (Microsoft.NET club).

2008 – 2010: Coordinator between Cisco network Company and the Information Technology Department

2008 – 2009: Member of the "Communication with Private-Sectors Committee" in the Information Technology Department

2009 – 2010: Head of the "Community Service Committee" in the Information Technology Department

2010: Student representative of class 7, Language centre, University College of London (UCL)

2010 – Now: PhD student in Computer Science, Software Modeling and Applied Logic (SMAL) group, Department of Informatics, School of Natural & Mathematical Sciences, King's College London.

Attending and organizing a number of seminars, conferences and workshops organized inside the university

Attending a number of international expos organized outside the university

Languages:

Arabia (Mother Language) and English.

Research interests:

Current research: Model for Service-Oriented architecture in constructive type theory.

Research Topics which I am recently interested in are:

- Service-Oriented Architecture.
- Type theory.
- Process Calculi.
- Programing language Semantics.
- Transactions and Compensation.

Publications:

Al-Humaimedy, AS. 2012. "*Survey on the Service-Oriented Architecture Process Calculi*". Saudi Scientific International Conference SIC 2012, London (2012).

Al-Humaimedy, AS, Fernandez M. "*General Dynamic Recovery for Compensating CSP*". 8th Workshop on Developments in Computational Models DCM 2012, EPTCS (2012).

Latifa Al-Abdulkarim, Areej Al-Wabil, Maha M. Al-Yahya, Abeer Al-Humaimedy, Sara Al-Khudair "*Methodological Considerations for Involving SpLD Practitioners and Specialists in Designing Interactive Learning Systems*". ICCHP (2): 1-4 (2010)

Mona F.M. Mursi, Ghazy M.R. Assassa, Abeer Al-Humaimedy, Khaled Alghathbar "*Face Detection and Count Estimates in Surveillance Color Images*," Egyptian

Computer Society Journal (ECSJ) ISSN-1110-2586 , Volume 31, Number 2, January (2009).

Mona F.M. Mursi, Ghazy M.R. Assassa, Abeer Al-Humaimedy, Khaled Alghathbar, "*Automatic Human Face Counting in Digital Color Images*", The 8th WSEAS International Conference on Signal Processing, Robotics and Automation, Cambridge, UK, (2009).

Workshops:

Workshop "How to protect you computer?", Princess Norah Bint Abullrahman University, may/2009

Workshop "The development of communication skills in the dialogue", King Saud University, June/2009