

Curriculum Vitae

Arwa Al-Rubaian

aalrubaian@ksu.edu.sa

Educational Qualifications:

2014-2016 Masters of Science in Computer Science
College of Computer and Information Sciences
King Saud University, Riyadh, Saudi Arabia

2008-2012 Bachelor of Science in Information Technology- data management
College of Computer and Information Sciences
King Saud University, Riyadh, Saudi Arabia
With First class Honor.

Working Experience:

2012-present Teaching Assistant at the Computer Science Department in the Collage of Computer and Information Sciences at King Saud University.

2011 Trainee at the Computer Research Institution at King Abdulaziz City for Sciences and Technology (KACST).

Awards and certificates:

2012 3rd place prize in the Advanced Electronics Company (AEC) best graduation project competition, King Saud University, Riyadh, Saudi Arabia.

2012 2nd place prize in the 1st Annual Project Fair, College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia.

2012 Best Poster Award for our project, 'Touch to Speak: Augmentative and Alternative Communication for Individuals with Autism and Stroke' at the 4th Annual Undergraduate Research Conference in Applied Computing in Sheikh Zayed University, Dubai, UAE.

2012 Rewarded as the outstanding student of class 2012, King Saud University, IT department.

Publications:

Arwa Al-Rubaian, Lama Alssum, Rawan Alharbi, Wafa Alrajhi, Haifa Aldayel, Nora Alangari, Hadeel Al-Negheimish, Aljohara Alfayez, Sara Alwaaan, Rania Aljindan, Ashwag Alshathri, Dania Alomar, Ghada Alhudhud, and Areej Al-Wabil, “The Design and Development of Empathetic Serious Games for Dyslexia: BCI Arabic Phonological Processing Training Systems” In the proceedings of the 16th International Conference on Human-Computer Interaction (HCII), A. Marcus (Ed.): DUXU/HCII 2014, Part IV, LNCS 8520, pp. 105-112. Springer (2014)

Bayan Alarifi, **Arwa Al-Rubaian**, Ghada Alofisan, Nora Alromi, Areej Al-Wabil, “Towards an Arabic Language Augmentative and Alternative Communication Application for Autism” , In the proceedings of the 15th International Conference on Human-Computer Interaction (HCII), A. Marcus (Ed.): DUXU/HCII 2013, Part II, LNCS 8013, pp. 333-341. Springer, Heidelberg (2013)

Mai Al-Zamel, Eman Alattas, Ghada Al-Hudhud and **Arwa Alrubaian** , “Affective Brain Signals Patterns for Personal Verification”, In the proceedings of 6th World Summit on the Knowledge Society, Aveiro, Portugal, (2013).

Areej Al-Wabil, Ghada Alofisan, **Arwa Alrubaian**, Amani Musrea, Bayan Alarifi, Nora Alromi, “Designing Augmentative and Alternative Communication for Autism and Stroke: Touch-to-Speak iOS Application”, In proceedings of the 10th Asia Pacific Conference on Computer Human Interaction (APCHI), Matsue, Japan, August (2012).

Amani Musrea, **Arwa Al-Rubaian**, Bayan Al-Arifi, Gadah Al-Ofisan, Norah Al- Romi, Areej Al-Wabil, “Touch to Speak: Augmentative and Alternative Communication for Individuals with Autism and Stroke”, In proceedings of the 4th Annual Undergraduate Research Conference in Applied Computing, Dubai, UAE, April 18, (2012).

“لنجعل صفحات الويب قابلة للوصول للصم” was published in the university’s Newspaper- King Saud University Issue: 1048, page#26, (2011).

Thesis:

Arwa Al-Rubaian. Towards an Intelligent Seizure Prediction System, Master's thesis, Department of Computer Science, King Saud University, Riyadh, Saudi Arabia, May 2016. Indexed at King Fahad National Library (1437/9533) .

Workshop Presentations:

2014 *Brain Computer Interaction, A closer Look into the Emotive SDK*, Software Knowledge and Engineering Research Group, King Saud University, Riyadh, Saudi Arabia.

2014 *Developing your first iOS application*, Collage of Computer and Information Science, King Saud University, Riyadh, Saudi Arabia.

Activities:

2012 Co-founder of the ACM Student Chapter at the College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia.

2011-present Member of the Software Knowledge and Engineering Research Group (SKERG), King Saud University, Riyadh, Saudi Arabia.

2012 Participant in the Young Researcher Consortium in the International Conference on Computers Helping People with Special Needs, Linz, Austria.

Technology licensing:

May 2012 Touch-to-Speak iOS Application for Augmentative and Alternative Communication. ISBN 978-603-507-071-3, KSU IPTL; Registered at King Fahad National Library #9964/1433.