

Arwa Alamoudi

Riyadh, Saudi Arabia
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Summary

I always eager to learn, improve, experience new things, and ask a lot!

Personal Information

- Marital status: Married.
- Nationality: Saudi.
- Date of Birth: 3/1/1990.
- Place of Birth: Jeddah.

Experience

Teaching Assistant June 2012 – present
Teaching Assistant at King Saud University in Software Engineering Department.

Education

University College London, London, United Kingdom 2014 – 2015
MSc in Software Systems Engineering.
Thesis: "An Empirical Study of the Human Process of Transplantation."
Supervisor: Dr. Earl Barr.
Grade: Distinction.

Diploma in English for Academic Purposes January 2014 – June 2014
An intensive two-term (20 week) English language, academic and research skills course. It is a full-time course specifically designed to provide international students with a unique insight into succeeding academically at graduate level at a top UK university.
Grade: 80%

King Saud University, Riyadh, Saudi Arabia 2008 – 2012
BSc in Information Technology.
Project: "SADA."
Supervisor: Dr. Areej Al-Wabil.
Grade: Excellent.

Research and Projects

An Empirical Study of the Human Process of Transplantation Sep. 2015
This is a master thesis related to Autotransplantation research area. The goal of this research is to try to better understand how code transplantation events occur in nature and translate them into words that can help this research area in terms of existing and future tools.

Language used: Shell Script using Ruby.

Microsoft-UCL collaboration's UK Future Care Project Oct. 2014 – Feb. 2015
UK Future Care is a cloud-based project that aims to help and improve the lives of elderly people by using IoT devices to enable self-care, and provide their caretakers with useful analytics and predictions. The project was developed mostly in C# by 45 Master's students split up into 5 teams in collaboration with Microsoft.

My role: Developer and Tester in Core Development team.
Language used: C#.

This is a bachelor project, which involves the design and development of an auditory discrimination and processing rehabilitation system. This system is aimed at children with hearing-impairments and is intended for use as part of speech-therapy programs for children with cochlear implants and other impairments in Saudi Arabia.

Language used: Visual Basic.

Rawdat Al Quran Website

June 2010

This project was part of Web Applications course during bachelor degree. Rawdat Al Quran website was developed based on a request from external party.

Language used: Ruby and CSS.

Publications

- **Usability Engineering of Games: A Comparative Analysis of Measuring Excitement Using Sensors, Direct Observations and Self-Reported Data.**
Arwa Alamoudi, Noura Alomar, Rawan Alabdulrahman, Sarah Alkoblan, and Wea'am Alrashed.
In the Exhibition associated with the 6th research day in King Saud University, Riyadh, Saudi Arabia, December 2014.
- **Interactive Serious Gaming for Children with Auditory Processing Difficulties in the Arabic Language.**
Arwa Alamoudi, Modhi Almozainy, Rawan Alabdulrahman, Sara Alkoblan, Sarah Drine, and Areej Al-Wabil.
In the proceedings of the 15th Human-Computer International HCI2013, USA. Published by Springer CCIS.
- **An Exploratory Study of Arabic Language Support in Software Project Management Tools.**
Arwa Alamoudi, Haila AlMazroua, Hebah Almoaiqel, Noura Alomar, and Sarah Alkoblan.
Published in International Journal of Computer Science IJCSI, Volume 10, Issue 4, July 2013.
- **The Use of Personas in the Design of an Arabic Auditory Training System for Children.**
Areej Al-Wabil, Sara Drine, Sara Alkoblan, Arwa Alamoudi, Rawan Alabdulrahman, and Modhi Almozainy.
Published and presented in the 13th International Conference on Computers Helping People with Special Needs (ICCHP 2012) in Linz, Austria, July 2012.
- **Sada: Auditory Discrimination Therapy Program.**
Sara Drine, Sara Alkoblan, Arwa Alamoudi, Rawan Alabdulrahman, and Modhi Almozainy.
Participated in the 4th Undergraduate Research Conference for Applied Computing (URC 2012) in Dubai, April 2012.
- **Sada: Auditory Discrimination Therapy Program.**
Sarah Drine, Sara Alkoblan, Arwa Alamoudi, Modhi Almozaini, Rawan Al-Abdulrahman.
Participated and won 5th place in Health Sciences Track of KSU's Scientific Student Symposium, KSU, Riyadh, January 2012.

Academic Service

Technical Program Committee Member

March 2016

Zayed University's Annual Conference on Undergraduate Research on Applied Computing, Dubai, United Arab Emirates; Committee in URC2016

Computer Skills

Java, C#, Ruby, Shell Scripting, Regular Expression, HTML, CSS, assembly, Visual Basic, SQL, Unix, LaTeX.

Interests and Activities

Computer Topics

Software Engineering,
Software Testing,
Human Computer Interaction,
Assistive Technology, and feature cloning.

Interests Outside the field

Travelling, Reading,
Fishing, Horse riding.

Certificates

- **2013,**
A certificate for the Attendance of a workshop titled "I Can! Apply my Computing Background in Bioinformatics" which was held by Bio-Informatics Research Group at King Saud University.
- **2012,**
A Certificate for the Participation in the Fourth Annual Undergraduate Research Conference on Applied Computing (URC 2012).
- **2012,**
A certificate of appreciation in the contribution in the organizing committee for the Dry Run for URC 2012.
- **2011,**
A Certificate for the Attendance of the Microsoft Approved Course. "6425B: Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Services".
- **Dec 13th – 15th (2009),**
A Certificate of Attendance in Microsoft Gulf Developer Conference GDC'09.

Languages

Arabic - Native or bilingual proficiency
English - Full professional proficiency

Awards

SADA Jan. 2012
SADA has Won 5th place in Health Sciences Track of KSU's Scientific Student Symposium Research in which more than 400 submissions were evaluated.

Rawdat Al Quran Website June 2010
It is a Community Service Project, which was sponsored by Al-Elm Company. It had achieved the second rank.