

Lama Alssum

Riyadh, Kingdom of Saudi Arabia

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Education

2014-2015: *Master of Science in Computing Science*, School of Computing Science, University of Glasgow, Glasgow, United Kingdom.
Graduated with *Merit*.

Dissertation (Analysis of Text Chat):

It presents an analysis of the distribution of a number of nonverbal features in a corpus of conversations, and whether these features appear more or less frequently according to specific social factors.

Supervisor: Dr. Alessandro Vinciarelli

2007-2011: *Bachelor degree of Information Technology*, College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia.
Graduated with a *GPA of 4.88/5.00*, "Excellent" grade, and *first class honor*.

Work Experience

October 2011-present: *Teaching Assistant (TA)*, Department of Computer Science, College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia.

Publications

Al-Rubaian, A., Alssum, et al. (2014). The Design and Development of Empathetic Serious Games for Dyslexia: BCI Arabic Phonological Processing Training Systems. In Design, User Experience, and Usability. User Experience Design Practice (pp. 105-112). Springer International Publishing.

Al-Safadi, L., Alkhatib, N., Babaier, R., & Assum, L. (2012). Semantic Aggregator of Public Professional Events. Journal of Applied Sciences, 12(7).

Honors and Awards

2016: Our project “The Design and Development of Empathetic Serious Games for Dyslexia: BCI Arabic Phonological Processing Training Systems” won the *Third place* in “مسابقة طموح وطن”.

2013: *Third place in Startup Weekend competition*, Riyadh, Saudi Arabia.

2010: *Best project coordinator award in software engineering course*, King Saud University, Riyadh, Saudi Arabia.

Projects

Master Projects

2015: Analysis of Text Chat (Master Dissertation)

It presents an analysis of the distribution of a number of nonverbal features in a corpus of conversations, and whether these features appear more or less frequently according to three socially relevant factors: gender, role, and mode of interaction (agreement vs. disagreement). It also investigates whether the role (initiator vs. responder) has any effect on individual persuasiveness, and presents a preliminary analysis of the turn-taking dynamic in text chat conversations.

2014: Stranger No More (Pair Project)

In order to resolve the problem of lacking meaningful human interaction in cities, a ubiquitous mobile application was designed. The ultimate goal of the application is to create a meaningful connection between two people who previously knew literally nothing about each other.

2014: Silence/Speech Classifier (Individual Project)

In this project, a collection of features has been extracted from audio files. Then, a Naive Bayes Classifier has been built to classify the audio files into silence or speech.

2014: Mostly Scottish Politics (Group Project)

A web app that is developed to aggregate, store, manage, and visualize data from the Scottish Parliament. Designed for use by non-technical individuals, but developed to act as a framework for developers and enthusiasts to extend upon in the future.

Bachelor Projects

2011: Eventology (Graduation Project)

An aggregator that collects events' information (such as: conferences, workshops, etc) from several websites, and provides the users with semantic search functionality to obtain more relevant results to their queries.

2010: Al-Hamzat (Group Project)

An application that was developed to teach children with learning difficulties specific topic in Arabic Language.

Workshop Presentations

June-July 2013:*The Basics of assembling and programming NXT Robot*, organized by National Center for Robotics and Intelligent Systems, King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia.

June-July 2013:*The Basics of assembling and programming VEX Robot*, organized by National Center for Robotics and Intelligent Systems, King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia.

Languages

Arabic (Native).

English (Professional working proficiency).