Abdullah Alrajeh

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PERSONAL INFORMATION Nationality: Saudi Arabia • Gender: Male • Languages: Arabic/English

EDUCATION

University of Southampton, UK (2015)
Ph.D., Computer Science, ECS, Faculty of Physical Sciences and Engineering
Thesis: *Large-scale Reordering Models for Statistical Machine Translation*

University of Manchester, UK (2009)
M.Sc., Advanced Computer Science, School of Computer Science
Thesis: *Prediction of Polymorphic Form from Experimental and Theoretical Data*
Courses: Machine Learning • High Performance Computing • Advanced Machine Vision • Advanced Database Management Systems • The Semantic Web: Ontologies and OWL • Computer Animation

King Saud University, Saudi Arabia (2006)
B.Sc., Computer Science, College of Computer and Information Sciences

RESEARCH INTERESTS Machine Learning; Deep Learning; Machine Translation; Speech Recognition

PROFESSIONAL EXPERIENCE I have worked as a researcher for the Computer Research Institute at King Abdulaziz City for Science and Technology (KACST) since 2006.

PEER REVIEW The 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP)
Journal of King Saud University - Computer and Information Sciences
Arabian Journal for Science and Engineering

TECHNICAL EXPERIENCE
Software: Moses, cdec, Cambridge system, Nematus and Kaldi
Programming Languages: C, C++, Java, AWK, Perl, Python, SQL and PHP
Tools: LaTeX, Eclipse, MATLAP, Octave, Netlab, Weka, JDeveloper and Hadoop

PUBLICATIONS

Alrajeh, A. (2018) A Recipe for Arabic-English Neural Machine Translation. Computing Research Repository, arXiv:1808.06116.

Alrajeh, A. and Niranjan, M. (2015) Scalable reordering models for SMT based on multiclass SVM. The Prague Bulletin of Mathematical Linguistics.

Alrajeh, A. and Niranjan, M. (2015) Generative and discriminative reordering models for statistical machine translation. In, 8th Saudi Students Conference, UK.

Alrajeh, A. and Niranjan, M. (2014) Bayesian reordering model with feature selection. In, ACL: 9th WMT, USA.

Alrajeh, A. and Niranjan, M. (2014) Large-scale Reordering Model for Statistical Machine Translation using Dual Multinomial Logistic Regression. In, EMNLP, Qatar.

Alrajeh, A., Takeda, A. and Niranjan, M. (2014) Memory-ecient Large-scale Linear Support Vector Machine. In, 7th ICMV, Italy.

Al-Harbi, S, Almuhareb, A, Al-Thubaity , A, Khorsheed, M. S. and **Al-Rajeh, A** (2008) Automatic Arabic Text Classification. In, 9th ICSATD, France.

Althubaity, A., Almuhareb, A., Alharbi, S., **Al-Rajeh, A.** and Khorsheed , M. (2008) KACST Arabic Text Classification Project: Overview and Preliminary Results. In, 9th IBIMA, Morocco.

Al-Salman, A., AlOhali, Y. , AlKanhal, M. and **AlRajih, A.** (2007) An Arabic Optical Braille Recognition System. In, ICTA, Tunisia.