# بسم الله الرحمن الرحيم

Aqil M. Azmi

Short CV

*Refereed Journals*

1. A. Azmi, “Identification of Tandem Repeats Over Large-Alphabet Inputs”, *Information Sciences (INS)*, Elsevier, vol. 345, no. 6, pp. 96-105. IF (2013/4) = 4.038. Doi: [10.1016/j.ins.2016.01.050](http://dx.doi.org/10.1016/j.ins.2016.01.050)
2. H. Aldayel and A. Azmi, “Arabic Tweets Sentiment Analysis – Hybrid Scheme”, *J Information Science (JIS),* Sage Publication,accepted for publication. IF (2013/4) = 1.158. Doi: [10.1177/0165551515610513](http://dx.doi.org/10.1177/0165551515610513)
3. A. Azmi and E. Aljafari, “Modern Information Retrieval in Arabic – Catering to Standard and Colloquial Arabic Users”, *J Information Science (JIS)*, Sage Publication, vol. 41, no. 4, pp. 506-517, 2015. IF (2013/4) = 1.158. Doi: [10.1177/0165551515585720](http://dx.doi.org/10.1177/0165551515585720)
4. A. Azmi and R. Almajed, “A Survey of Automatic Arabic Diacritization Techniques”, *Natural Language Engineering (NLE)*, Cambridge Univ. Press, vol. 21, no. 3, pp. 477-495, 2015. IF (2013/4) = 0.639. Doi: [10.1017/S1351324913000284](http://dx.doi.org/10.1017/S1351324913000284).
5. A. Azmi and A. Al-Ssulami, “Discovering Common Recurrent Patterns in Multiple Strings over Large Alphabets”, *Pattern Recognition Letters (PR Let)*, Elsevier, vol. 54, pp. 75-81, 2015. IF (2013/4) = 1.062. Doi: [10.1016/j.patrec.2014.12.009](http://dx.doi.org/10.1016/j.patrec.2014.12.009).
6. A.I Al-Ghadir, A. Alabdullatif and A. Azmi, “Gender Inference for Arabic Language in Social Media”, *Int J Knowledge Society Research (IJKSR)*, IGI, vol. 5, no. 4, pp. 1-10, 2014. Doi: [10.4018/IJKSR.2014100101](http://dx.doi.org/10.4018/IJKSR.2014100101).
7. A. Azmi and A. Alsaiari, “A Calligraphic Based Scheme to Justify Arabic Text Improving Readability and Comprehension”, *Computers in Human Behavior (CHB)*, Elsevier, vol. 39, pp. 177-186, 2014. IF (2013/4) = 2.273. Doi: [10.1016/j.chb.2014.07.003](http://dx.doi.org/10.1016/j.chb.2014.07.003).
8. A. Azmi and A. Al-Ssulami, “Encoded Expansion: An Efficient Algorithm to Discover Identical String Motifs”, *PLoS ONE*, 9(5):e95148. IF (2012) = 3.73. Doi: [10.1371/journal.pone.0095148](http://dx.doi.org/10.1371/journal.pone.0095148).
9. A. Azmi and S. Alzanin, “Aara’ – A System for Mining the Polarity of Saudi Public Opinion through e-Newspaper Comments”, *J Information Science (JIS)*, Sage Publication, vol. 40, no. 3, pp. 398-410, 2014. IF (2012) = 1.238. Doi: [10.1177/0165551514524675](http://dx.doi.org/10.1177/0165551514524675)
10. A. Azmi and A. Alsaiari, “An Algorithm to Justify Arabic Text”, *Egyptian Computer Society Journal (ECS J)*, vol. 37, no. 5, 2013.
11. A. Azmi and S. Al-Thanyyan, “A Text Summarizer for Arabic”, *Computer Speech and Language (CSL)*, Elsevier, vol. 26, no. 4, 2012. IF (2011) = 1.463. Doi: [10.1016/j.csl.2012.01.002](http://dx.doi.org/10.1016/j.csl.2012.01.002).
12. A. Azmi and N. bin Badia, “e-Narrator – An Application for Creating an Ontology of Hadiths Narration Tree Semantically and Graphically”, *The Arabian Journal for Science and Engineering (AJSE)*, vol. 35, no. 2C, December 2010, pp. 51-68. IF (2012) = 0.385.
13. A. Azmi, N.M. Alsabhan, and M.S. Aldosari, “The Wiimote with SAPI: Creating an Accessible Low-Cost Human Computer Interface for the Physically Disabled”, *International Journal of Computer Science and Network Security (IJCSNS)*, vol. 9, no. 12, December 2009, pp. 63-68.
14. A. Azmi and A. Alsairi, “Arabic Typography: A Survey”, *International Journal of Electrical & Computer Sciences (IJECS)*, vol. 9, no. 10, December 2009, pp. 16-22.

*Conferences*

1. A.M. Al-Ssulami and A. Azmi, “Towards a More Efficient Discovery of Biologically Significant DNA Motifs,” F. Ortuño and I. Rojas (Eds.): *IWBBIO 2015*, Part I, LNBI 9043, pp. 368-378. Granada, Spain, 15-17 Apr., 2015.
2. A. Azmi and A. AlOfaidly, “A Novel Method to Automatically Pass *Hukm* on Hadith,” *The 5th Int. Conf. on Arabic Language Processing (CITALA ’14)*, Oujda, Morocco, 26-27 Nov., 2014.
3. A. Azmi, F. Alkhalifah, A. Alsaeed and Y. Barnawi, “Using Non-Conventional Search Schemes to Retrieve Hadiths,” *The 5th Int. Conf. on Arabic Language Processing (CITALA ’14)*, Oujda, Morocco, 26-27 Nov., 2014.
4. A. Azmi and N. AlShenaifi, “Handling ‘Why’ Questions in Arabic,” *The 5th Int. Conf. on Arabic Language Processing (CITALA ’14)*, Oujda, Morocco, 26-27 Nov., 2014.
5. A. Azmi, N. AlSabhan and M. AlDosari, “*Wii-abled* – A Wiimote Based Web Surfing and Computer Control for the Physically Disabled,” *The 2010 Int. Conf. on Intelligence and Information Tech. (ICIIT 2010)*, Lahore, Pakistan, 28-30 Oct., 2010.
6. A. Azmi and N. bin Badia, “*iTree* – Automating the Construction of the Narration Tree of *Hadiths* (Prophetic Traditions),” *The 6th IEEE Int. Conf. on Natural Language Processing and Knowledge Eng. (IEEE NLP-KE 2010)*, Beijing, China, 21-23 Aug., 2010.
7. A. Shebrien, A. Alsubeehen, F. Alsuwailih, S. Al Yousef and A. Azmi, “Praying Peacefully in Mosques: No More Ringing Mobile Phones,” *Second Annual Undergraduate Research Conference on Applied Computing*, Dubai, UAE, 5-6 May, 2010.
8. A. Azmi and S. Al-Thanyyan, “*Ikhtasir* – A User Selected Compression Ratio Arabic Text Summarization System,” *The 5th IEEE Int. Conf. on Natural Language Processing and Knowledge Eng. (IEEE NLP-KE ’09)*, Dalian, China, 24-27 Sep., 2009.

*Book chapters*

1. F. Azmi and A. Azmi, “Towards Teaching and Learning Mathematics using Technology”, in: K.S. Alshahrani and M. Ally (Eds), *Transforming Education in the Gulf Region: Emerging Learning Technologies and Innovative Pedagogy for the 21st Century*, Routledge Research in Education, 2016. [www.routledge.com/products/9781138657007](https://www.routledge.com/products/9781138657007)
2. A. Azmi and N. bin Badia, “Mining and Visualizing the Narration Tree of Hadiths (Prophetic Traditions),” in: C. Boonthum-Denecke, P.M. McCarthy and T. Lamkin (Eds), *Cross-Disciplinary Advances in Applied Natural Language Processing: Issues and Approaches*, IGI Global, 2012. Doi: [10.4018/978-1-61350-447-5](http://dx.doi.org/10.4018/978-1-61350-447-5).

*Research Grants*

1. PI for research proposal, *Why question answering system in Arabic*. Grant number: RC140202. Period: 12 month, started: April 2014. Amount: 30,000.
2. PI for research proposal, *Efficient Extracting of Significant Biological Motifs from Multiple Promoters*. Grant number: RC131010. Period: 14 month, started: November 2013. Amount: 30,000.
3. PI for research proposal, *A Computerized Grading of the Hadith*, CCIS grant number RC121226. Period: 12 month, starting from March 2013. Amount: 30,000.
4. Co-PI for research proposal, *An Intelligent Ontology Construction for the Holy Qur’an*, CCIS grant number RC121225. Period: 12 month, starting from March 2013. Amount: 30,000.

*Patents*

1. Patent pending for “Method and System for Automatically Planning and Scheduling a Remote Sensing Satellite Mission”, US Patent Application No.: 2012/0029,812. Filled Jul 29, 2010.

*Committees Membership*

1. In charge of the BSc Capstone projects committee (2010-2014).
2. Member of the PhD Comprehensive Exam committee (2009-).
3. Convener of the department’s annual report committee (2003-).