

# Curricula Vitae (Resume)

## Sultan Almujaivel

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**Interests** Linguistic Data Science, Statistics in Social Sciences, Large-Scale/Big Data, Quantitative Analysis, and Computational Linguistics.

**Skills and Programs** Machine Learning, Deep Learning, R, Python, NLTK, Linguistic Data Science Models, Advanced Statistics.

## Academic Degrees

- PhD in corpus linguistics from the University of Exeter in (the UK) 2013. The title of the thesis is as follows: [Contrastive Lexicology and Comparable English Arabic Corpora-Based Analysis of Vague and Mistranslated Arabic Equivalence](#).
- MA in Applied Linguistics in 2006.
- Higher Diploma in the field of Applied Linguistics, with an 'excellent' grade in 2005.
- Bachelor's degree in Arabic Language with an 'excellent' grade and second-class honours in 2003.

## Projects and Publications

- Almujaivel, S. and Almashhor, A. (forthcoming). News, Opinions, Gender and Topics: Topic Modeling versus Collocation Parameters. *International Journal of Corpus Linguistics*. (ISI).
- Opinions and Trends Analysis of Saudi Tweets on Covid-19: <https://github.com/salmujaiwel>
- Almujaivel, S. (2020). An Overview of the Lexical Variation Between Arabic Lexicons and Natural Arabic Language. *International Journal of Arabic Linguistics*, 6(1 & 2).
- Almujaivel, S. (2020). A Comparative Evaluation of POS Tagging and N-Gram Measures in Arabic Corpus Resources and Tools. *International Journal of Computational Linguistics*, 11(1). 1-17.
- Almujaivel, S. (2019). Grammatical construction of function words between old and modern written Arabic: A corpus-based analysis. *Corpus Linguistics and Linguistic Theory*, 15(2). 267-296 (ISI).
- Al Khateeb, A. and Almujaivel, S. (2018). Communicative activities in Saudi EFL textbooks: A corpus-driven analysis. *Journal of Language Teaching and Research*, 9(6). 1301-1313. (Scopus).
- Almujaivel, S. (2018). Culture and Interculture in Saudi EFL Textbooks: A Corpus-Based Analysis. *The Journal of Asian TEFL*, 15(2). 414-428. (Scopus).
- Almujaivel, S. (2018). Integrating NLP with Corpus Linguistics and Vice Versa. In *Proceedings of the International Conference on Learning and Optimization Algorithms: Theory and Application (LOPAL '18)*, May 2–5, 2018, Rabat, Morocco, no. (39). 1-6 <https://doi.org/10.1145/3230905.3230930>
- Al-Thubaity, A., and Almujaivel S. (2018). A Quantitative Inquiry into the Keywords between Primary and Reference Arabic Corpora. *Journal of Quantitative Linguistics*, 25(2). 122-141. [doi.org/10.1080/09296174.2017.1359883](https://doi.org/10.1080/09296174.2017.1359883) (ISI).
- Almujaivel, S. (2017). Discursive patterns of anti-feminism and pro-feminism in Arabic newspapers of the KACST corpus. *Discourse and Communication*, 11(5). 441-466. [doi/abs/10.1177/1750481317707643](https://doi.org/10.1177/1750481317707643) (ISI).
- Almujaivel, S. (2018). Explaining the Complexities of Cross-Linguistic Features Using Comparable Arabic and English Corpora. *Corpora* 13(2). 13(2). 135-168. (Scopus).

- Almujaivel, S. and Al-Thubaity, A. (2016). Arabic Corpus Processing Tools for Corpus Linguistics and Language Teaching. *Proceedings of the 2016 International Conference on the Globalization of Second Language Acquisition and Teacher Education (G-SLATE) 4-6 August, Fukuoka (Japan)*, pp. 103-108. (Conference).
- Almujaivel, S. (2016). "Free/Open KACSTAC and its Processing tools: Lexical Resources for Arabic Lexicogrammatical Microstructures Based on Collocational Indicators". In Alonso Almeida, F., Barrera, I. O. Toledo, E. Q. and Cuervo, M. E. S. (Eds.), *Input a Word, Analyze the World: Selected Approaches to Corpus Linguistics*. Newcastle Upon Tyne: Cambridge Scholars Publishing, pp. 153-170. (A conference paper presented in the VI International Conference on Corpus Linguistics CILC-14). (Chapter).

### Books Translated from English into Arabic

- Brezina, Vaclav. (2018). *Statistics in Corpus Linguistics*. Cambridge: Cambridge University Press.  
بريزينا، فاكلاف (٢٠٢١). علم الإحصاء في لغويات المدونة الحاسوبية، ترجمة: سلطان المجيلول. منشورات دار جامعة الملك سعود للنشر
- Agius, Dionisius. (2005). *Seafaring in the Arabian Gulf and Oman: The People of the Dhow*. New York, London: Routledge.  
أجيوس، ديونيسيوس. (٢٠١٩). الإبحار في الخليج العربي وعمان: مجتمعات السفن الشراعية. ترجمة: سلطان بن ناصر المجيلول.  
مراجعة وتقديم وتعليق: حمد محمد بن صراي، أبوظبي: دائرة الثقافة والسياحة، كلمة
- McEnery, Tony and Hardie, Andrew. (2012). *Corpus Linguistics: Method, Theory and Practice*. Cambridge: Cambridge University Press.  
مكأنري، توني وهادري، توني. (٢٠١٧). لغويات المدونة الحاسوبية: المنهج والنظرية والتطبيق. ترجمة: سلطان المجيلول. دار جامعة الملك سعود للنشر، الرياض

### Conferences and Membership of International Associations

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|----------------------------------------------------------------------------|-------------|-------------------|
| ○ 24 <sup>th</sup> International Conference of Intercultural Communication | 5-8/07/2018 | Oral presentation |
| ○ American Association for Corpus Linguistics                              | 16/09/2016  | Oral presentation |
| ○ The G-SLATE 2016                                                         | 04/08/2016  | Oral presentation |
| ○ Lexical Priming                                                          | 02/02/2016  | Oral presentation |
| ○ 13th Technology for Second Language Learning Conference                  | 19/09/2015  | Attendance        |
| ○ 5th IATIS International Conference                                       | 07/07/2015  | Poster            |
| ○ The 3rd ANPOLL International Psycholinguistics Congress                  | 16/03/2015  | Attendance        |
| ○ SCL-SPCL-ACBLPE Conference                                               | 05/08/2014  | Oral presentation |
| ○ American Association for Computational Linguistics                       | 22/06/2014  | Attendance        |
| ○ VI International Conference on Corpus Linguistics                        | 22/05/2014  | Oral presentation |
| ○ A member of the American Association of Computational Linguistics        |             |                   |
| ○ A member of the Spanish Association of Corpus Linguistics                |             |                   |

### Experience

- Winner of Translation Award (Saudi Arabia's National Cultural Awards) in 2012.
- Consulting and training several Saudi entrepreneurs on Data Analytics in Mass Media and Communications in addition to Social Sciences. Have a look at:  
<https://www.youtube.com/watch?v=1xStkuCLEDw&feature=youtu.be>  
<https://www.youtube.com/watch?v=2rt2nTyFeDg>

- Worked as an advisor and a linguistic data scientist at the General Authority for Statistics' General Directorate of Innovation and Statistical Development (Big Data Dept.) from January 13, 2019, to 14 August 2019.
- Supervising Ph.D. theses and master's dissertations.
- Associate professor at King Saud University from November 15, 2017.
- Assistant professor of Corpus/Quantitative Linguistics at the King Saud University's Arabic Language Department from 2013 onwards.
- A collaborator on the design of master's degree courses in the field of *Computational Linguistics* with Prince Noura Bint Abdulrahman's College of Arts in 2015. Taught the *Linguistic Computing* and *Statistical Corpus Linguistics* module at the Prince Noura Bint Abdulrahman's College of Arts in 2016.
- A head of *Development Unit* at Arts College during the academic year 2014.
- Trained postgraduate students in automatic linguistic research on corpora by using the Arabic processing tools and computer software (KSU's al-Mani Chair), Dec 2014.
- Trained 25 female teachers in the new methods of teaching Arabic for children, Asma al-Ma'ani School in the province of al-Kharj, June 2014.
- Trained 15 graduate students at Arts College in corpus-based analysis, May 2015.
- A collaborator on the evaluation of KACST Arabic Corpus with King Abdulaziz City for Science and Technology between 2014-2016.
- An assistant editor for the Journal of Arabian Studies from 2012 onwards.
- Taught Arabic for non-native speakers at the University of Exeter's Institute of Arab and Islamic Studies (UK) for one year (2011).
- A member of a committee on the progress of 101 Arab and 103 Arab at the Arabic Language Department (KSU) in 2009.
- A secretary of the memorial book, which is dedicated to Prof. Abdulaziz Nasser Almani for winning the King Faisal International Prize in the Arabic Language and Literature (2009).
- A member in the Accreditation and Quality Unit in KSU.
- Taught the modules Linguistic Skills and Arabic Editing, as a lecturer, at the Arabic Language Department, KSU in the second semester 2008.
- Teaching Assistant in Arabic KSU's Language Department in 2009.
- A supervisor for the social and cultural programmes (activities) at the Institute of Arabic Language (KSU) in 2006.
- Taught Arabic; Language, History and Lexicology; and Lexicography, at the Teacher Training Department (IAL) and KSU in 2007, in the position of teaching assistant.
- A supervisor for Athletic Activities at the Institute of Arabic Linguistics (KSU) in 2004.
- A member of test committee in the Department of Language and Culture at the Institute of Arabic Linguistics for non-native speakers in 2004.
- Taught Arabic Language for non-native speakers at the Language and Culture Department of the Institute of Arabic Linguistics (IAL), (KSU) in 2004, 2005 and 2006.

## Publications in Arabic

- المجلول، سلطان. أسس تحليل التصاحب اللفظي في المدونة اللغوية العربية. مجلة الآداب جامعة الملك سعود، المجلد ٢٩، العدد ٢، ٢٠١٧م، الصفحات ٣-٣٠.
- المجلول، سلطان (المحرر). لغويات المدونة الحاسوبية: تطبيقات تحليلية على العربية الطبيعية، مركز الملك عبدالله بن عبدالعزيز الدولي لخدمة اللغة العربية، الرياض، ٢٠١٦م.
- المجلول، سلطان. المعالجة الآلية للصحف العربية: تحليل الأنماط الخطابية بمنهج BCU. في: المجلول، سلطان (المحرر)، لغويات المدونات الحاسوبية: تطبيقات تحليلية على العربية الطبيعية، مركز الملك عبدالله بن عبدالعزيز الدولي لخدمة اللغة العربية، الرياض، ٢٠١٦م، الصفحات ١١-٥٥.

- المجلول، سلطان. مناهج التهيئة المعجمية في تعليم العربية لغير الناطقين بها. ضمن الأعمال الكاملة للمؤتمر الدولي الثاني: اتجاهات حديثة في تعليم العربية لغة ثانية، ٢-٣ فبراير ٢٠١٦، معهد اللغويات العربية (جامعة الملك سعود)، الرياض، الصفحات ٦٠١-٦٣٣.
- المجلول، سلطان. البحث اللغوي الآلي في المدونة الحاسوبية واللغة العربية. مجلة التواصل اللساني، المجلد (١٨)، العدد (٢-١)، الصفحات ٥٣-٧٨.
- المجلول، سلطان. استراتيجيات التخطيط اللغوي والسياسة للغة الإنجليزية. في: الاستراتيجيات الدولية في خدمة اللغات الوطنية: دراسة لحالات مختلفة في التخطيط اللغوي والسياسة اللغوية. مركز الملك عبدالله الدولي لخدمة اللغة العربية، الرياض، الصفحات ١٣-٨٣.
- المجلول، سلطان. المداخل المعجمية الثقافية بين الأعمال المعجمية الثنائية وبين المدونات الحاسوبية المتقابلة: دراسة في التكافؤات. مجلة الآداب، جامعة الملك سعود، المجلد (٢٧)، العدد، (٣)، ٢٠١٥، الصفحات ١٩١-٢٣٥.
- المجلول، سلطان. البحث اللغوي في المدونات العربية الحاسوبية بين الممكن والمحتمل والمأمول. في: المدونات اللغوية العربية: بناؤها وطرق الإفادة منها. مركز الملك عبدالله بن عبدالعزيز الدولي لخدمة اللغة العربية، الرياض، ٢٠١٥، الصفحات ٢٣٥-٢٧٩.
- المجلول، سلطان. التخطيط اللغوي والسياسة: مفاهيم شمولية. حولية كلية الدراسات الإسلامية والعربية بالإسكندرية، المجلد (٢)، العدد (٣١)، ٢٠١٥، الصفحات ٤٤١-٤٨٩.
- المجلول، سلطان. نقل مصطلحات اللسانيات الاجتماعية إلى العربية. مركز حمد الجاسر الثقافي، الرياض، ٢٠٠٩.