EMAD ALGHAMDI

Assistant Professor in Computational Linguistics

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CAREER SUMMARY

Experienced bilingual, linguist, academic lecturer, researcher, and writer with over 10 years' experience in college-level language education. Passionate about and committed for developing innovative, date-driven technologies for solving social problems.

EXPERIENCE

Data Scientist Intern
Melbourne Data Analytics Platform, University of Melbourne

📅 September 2020 – February 2021 📍 Melbourne, Australia

- working on NLP projects

Causal Instructor
University of Melbourne

📅 July 2019 – August 2019 📍 Melbourne, Australia

- Taught a Master-level course on Technology and Language Learning

Founder & CEO
Dropzin - On-demand Shipping & Delivery

📅 2015 – 2017 📍 Jeddah, Saudi Arabia

- Founded the startup
- Administered day-to-day operations
- Recruited early employees

Director of e-training Unit
King Abdulaziz University

📅 2014 – 2016 📍 Jeddah, Saudi Arabia

- Founded KAUx an Arabic MOOC platform
- Designed two MOOCs

Head of Distance Learning Unit
King Abdulaziz University

📅 2013 – 2016 📍 Jeddah, Saudi Arabia

- Administered two distance English online programs (7K+ Students)
- Developed computer-based assessment for online learners based on the CEFR
- Trained instructors in using several education technologies

Lecturer
King Abdulaziz University

📅 2008-2010 – 2013-2016 📍 Jeddah, Saudi Arabia

- Taught English courses (reading, listening, grammar, & writing) for university students

PROJECTS

AUVANA: An Automated Video Analysis Tool for Video Complexity Research (Desktop App)

A Writing Feedback System (Web App)

A Video Playing Interface for Second Language Learners (Web App)

CrowdyQ: A Virtual Crowdsourcing Platform for Question Items Development in Higher Education (Web App)

SKILLS

Python · R · JavaScript · HTML · CSS · Django · Flask · Vue.js · Keras · Scikit-learn · spaCy · OpenCV · NLTK · Git · RStudio · SPSS

LANGUAGES

Arabic ●●●●●
English ●●●●○

EDUCATION

PhD in Computational Linguistics
University of Melbourne

📅 Feb 2017 – 2021

Thesis: Automated Video Difficulty Assessment

M.S. in Educational Technology
Missouri State University

📅 2012 – 2014 📍 MO, USA

GPA: 4/4

M.A. in English
Missouri State University

📅 2010 – 2013 📍 MO, USA

GPA: 3.97/4

PUBLICATIONS (SELECTED)

📄 Journal Articles

- Alghamdi, Emad A, Paul Gruba, Ahemd Mersi, et al. (In Review). "The Use of Lexical Complexity for Assessing Difficulty in Instructional Videos". In: *Language Learning and Technology*.

- Alghamdi, Emad A, Paul Gruba, and Eduardo Velloso (In Review). "The Relative Contribution of Verbal Complexity to Second Language Video Lectures Difficulty Assessment". In: *The Modern Language Journal*.

- Alghamdi, Emad A. and Sayyed Rashid Shah (2018). "Exploring the Effects of Mobile-Based Audience Response System on EFL Students' Learning and Engagement in a Fully Synchronous Online Course". In: *International Journal of English Linguistics* 8.3, p. 92. DOI: 10.5539/ijel.v8n3p92.

- Alghamdi, Emad A and Hussam Rajab (2016). "Unmonitored students self-created WhatsApp groups in distance learning environments: A collaborative learning tool or cheating technique". In: *International Journal of Research* 5.2, pp. 71–82.

- Alghamdi, Emad A. (2016). "Untangling Multimedia Effects on EFL Incidental Vocabulary Learning via Playing an Online Hidden-Object Game". In: *International Journal of Computer-Assisted Language Learning and Teaching* 6.1, pp. 24–39. ISSN: 2155-7098. DOI: 10.4018/IJCALLT.2016010102.

- – (2014a). "Discourse Markers in ESL Personal Narrative and Argumentative Papers : A Qualitative and Quantitative Analysis". In: 4.4, pp. 294–305.

- – (2014b). "Gulf Pidgin Arabic: A Descriptive and Statistical Analysis of Stability". In: *International Journal of Linguistics* 6.6, p. 110. DOI: 10.5296/ijl.v6i6.6846.

👥 Conference Proceedings

- Alghamdi, Emad A, Fahad Otaif, and Paul a. Gruba (2018). "Designing a video playing interface for second language learners". In: *ASCILITE 2018*. November, pp. 298–302. DOI: 10.1111/j.1365-2729.2011.00476.x.

- Alghamdi, Emad A. (2018b). "Video Complexity and Language Learners: Making the Match". In: *The 3rd Saudi Scientific Symposium*. Sydney: University of Sydney.

- Alghamdi, Emad A., N.R. Aljohani, et al. (2015). "CrowdyQ: A virtual crowdsourcing platform for question items development in higher education". In: *17th International Conference on Information Integration and Web-Based Applications and Services, iiWAS 2015 - Proceedings*. DOI: 10.1145/2837185.2843852.

PROFESSIONAL DEVELOPMENT

- Machine Learning with TensorFlow on Google Cloud Platform, a 5-course specialization by Google Cloud, 2018
- International License for Entrepreneurship
- Design and Development of Educational Technology, MIT (edX), 2014
- Entrepreneurship 101: Who is your customer?, MIT (edX), 2014
- Statistics: Making Sense of Data, University of Toronto, 2014
- Competitive Strategy, Ludwig-Maximilian University of Munich, 2013
- Justice, Harvard, 2013 (edX)
- Inspiring Leadership through Emotional Intelligence, Case Western Reserve University, 2013
- Internet History, Technology,& Security, University of Michigan, 2012

VOLUNTEER

- Founding Director Afaqi Learning Hubs
  - 📅 2015-2016   📍 Jeddah, Saudi Arabia

- President of the Saudi Student Club, Missouri State University
  - 📅 2012-2013   📍 MO, USA

- English-Arabic Translator at TED
  - 📅 2012-2014   📍 TED.com

- Journals reviewer (e.g., Interactive Learning Environments)

HONORS & AWARDS

- Full PhD Scholarship by Saudi Ministry of Education
- Research Excellence Award Saudi Ministry of Education
- Certificate of appreciation awarded by the Saudi Cultural Attaché in Washington, D.C for my diligent works and efforts as a president of the Saudi Club at Missouri State University.
- Full Masters Scholarship by Saudi Education Ministry
- Letter of appreciation by the Saudi Cultural Attaché in Washington, D.C for writing an article about volunteerism

REFEREES

Dr. Paul Gruba
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School of Language & Linguistics

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Dr. Eduardo Velloso
@ University of Melbourne
✉ eduardo.velloso@unimelb.edu.au
School of Computing & Information Systems, Melbourne School of Engineering