

Abdullah Abdulaziz Albanyan

Riyadh, Saudi Arabia

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Education

University of North Texas - Dallas, Texas, United States Ph.D., Computer Science and Engineering	<i>Aug 2019 - May 2023</i> GPA: 4.0/4.0
Southern Methodist University - Dallas, Texas, United States M.Sc., Software Engineering	<i>May 2012 - Dec 2013</i> GPA: 3.87/4.0
King Saud University - Riyadh, Saudi Arabia B.Sc., Information system	<i>Sep 2004 - May 2009</i>

Employment History

Prince Sattam bin Abdulaziz University <i>Lecturer</i>	<i>Apr 2013 - Present</i>
Prince Sattam bin Abdulaziz University <i>Demonstrator</i>	<i>Jun 2009 - Apr 2013</i>
Saudi Basic Industries Corporation (SABIC) <i>Trainee</i>	<i>Apr 2008 - Aug 2008</i>

Employment Awards

- Excellence Award of Prince Sattam bin Abdulaziz University's best supervisor of student's activity (2016-2017)
- Ideal faculty member award for the year (2015-2016)

Research Interests

Software Engineering, Artificial intelligence, natural language processing, computational linguistics, information retrieval, sentiment analysis, and opinion mining on social media platforms

Open-Sourced Projects

1. Document Boundry Project
<https://github.com/albanyan/DocumentBoundary>
2. Hateful Message and Reply Project
<https://github.com/albanyan/hateful-tweets-replies>
3. Mitigating the Risks of Counterhate Replies
https://github.com/albanyan/counterhate_reply

Publications

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1. **Abdullah Albanyan**, Ahmed Hassan, and Eduardo Blanco. 2023. Not All Counterhate Tweets Elicit the Same Replies: A Fine-Grained Analysis. The 12th Joint Conference on Lexical and Computational Semantics (*SEM), Co-located with ACL 2023. (Accepted, To Appear)
 2. Shabbab Algamdi, **Abdullah Albanyan**, and Stephanie Ludi. 2023. *Investigating the Usability Issues in Mobile Applications Reviews Using A Deep Learning Model*. **IEEE 13th Annual Computing and Communication Workshop and Conference (CCWC)**.
 3. Shabbab Algamdi, **Abdullah Albanyan**, Sayed Shah, and Zeenat Tariq. 2022. *Twitter Accounts Suggestion: Pipeline Technique SpaCy Entity Recognition*. **IEEE International Conference on Big Data**, pp. 5121-5125.
 4. **Abdullah Albanyan** and Eduardo Blanco. 2022. *Pinpointing Fine-Grained Relationships between Hateful Tweets and Replies*. **Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)**, [Acceptance rate 15%], 36(10), 10418-10426.

Teaching Experience

- Software Project Management
- Fundamentals of Software Engineering
- Human-Computer Interaction
- Computer Programming I (in C language)
- Computer Programming I (in C++ language)
- Computer Programming I (in Java language)
- Computer Skills Course
- Discrete Mathematics

Work Responsibilities

- Supervisor of the cooperative training unit
- Supervisor of the student activities committee
- Coordinator of the alumni committee
- Coordinator of scholarships committee
- Academic advising
- Representative of the training unit
- Representative of the alumni unit

Technical Skills

Programming Python, C++, Java, R, Matlab

Machine Learning Neural Networks, SVM, PCA, BiLSTM, CNN, etc.

Pre-trained models BERT, Bertweet, Roberta, Longformer, ALBERT, etc.

ML Tools PyTorch, Keras, TensorFlow

Academic Services

- Program Committee at AAAI (2023)
- A reviewer at ACL (2023)

Personal Profile

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- Fast learner
 - Technical skills
 - Teaching skills
 - Flexible, enthusiastic, motivated, team-oriented

Workshops

- Learning Outcomes & Tests Matrix
- Designing electronic courses workshop
- Educational Output Assessment System for the College Programs
- Workshop about using blackboard in teaching
- GITECH technology exhibition in Dubai & Riyadh
- Information security workshop in KSU, Riyadh
- The second National Computing Colleges Conference, University of Hail