

## Academic Resume



### Ghada Alamoudi

Assistant Professor, Information Systems Department

#### Contact Information.

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#### Highest Degree.

2016, PhD, Social media analytics., Dalhousie University, Canada.

#### Academic and Professional Experiences.

1. **2016 - Present**  
Assistant Professor, Faculty of Computing and Information Technology, King Abdulaziz University.
2. **2011 - 2016**  
Lecturer, Saudi Arabia, King Abdul Aziz University, Jeddah.
3. **2006 - 2011**  
Lecturer, Saudi Arabia, Arab Open University, Jeddah.
4. **2006 - 2006**  
Lecturer, Saudi Arabia, Effat College ,Jeddah.
5. **1997 - 1998**  
Teacher, Canada, Maritime Muslim Academy.

#### Research Interests.

Social Netwrk Analysis, Arabic Natural Language Processing, Machine Learning and Deep Learning.

#### Teaching Interests.

Social Network Analysis, Machine Learning, E-Commerce, Machine Learning for Business.

#### Certifications and Trainings.

1. Data Science and Machine Learning Sessions at Open Data Science Conference, Boston 2018.
2. How to be an Effective PhD Supervisor.
3. How to Prepare a Successful Paper for Publication in a Scientific Journal.

#### Social, Scientific and Professional Affiliation.

1. 2017-2018, Part time consultant at Almarsad at the University Agency of Development, King Abdul-Aziz University.

## Funded Projects.

1. 2020, Rumor Awareness Platform, Ministry of Education, Grant Number: IFPRC-067-612-202.
2. 2020, Deep Learning Approaches for Detecting COVID-19 From Chest X-Ray Images: A Survey, Deanship of Scientific Research, Grant Number: GCV19-34-1441.
3. 2018, Interactive Notebooks in the Classroom: A Pedagogical Approach, Deanship of Scientific Research

## Publications.

1. Ghada Amoudi, Dina Tbaishat, "Interactive Notebooks For Achieving Learning Outcomes In A Graduate Course: A Pedagogical Approach", Education And Information Technologies, 2023.  
DOI: [10.1007/s10639-023-11854-x](https://doi.org/10.1007/s10639-023-11854-x)
2. Ghada Amoudi, Amal Almansour, Carolyn Watters, Dimah Alahmadi, Fatimah Alruwaili, Sara Alzahrani, "Tweet For Help: The Role Of Social Media In Disaster Events And The Case Of The 2015 Mina Stampede", Digital Creativity, pp. 1-20, 2022.  
DOI: [10.1080/14626268.2022.2141262](https://doi.org/10.1080/14626268.2022.2141262)
3. Naelah O. Bahurmuz, Ghada A. Amoudi, Fatimah A. Baothman, Amani T. Jamal, Hanan S. Alghamdi, Areej M. Alhothali, "Arabic Rumor Detection Using Contextual Deep Bidirectional Language Modeling", Ieee Access, pp. 1-1, 2022.  
DOI: [10.1109/ACCESS.2022.3217522](https://doi.org/10.1109/ACCESS.2022.3217522)
4. GHADA AMOUDI, ZELAL SHEARAH, "Public Opinion, Clusters, And Statistics Of Covid-19 Vaccination: A Twitter Analysis", Journal Of Theoretical And Applied Information Technology, 2022.
5. Ghada Amoudi, Amal Almansour, Hanan Saleh Alghamdi, "Improved Graph-Based Arabic Hotel Review Summarization Using Polarity Classification", Applied Sciences, vol: 12, pp. 10980, 2022.  
DOI: [10.3390/app122110980](https://doi.org/10.3390/app122110980)
6. Ghada Amoudi, Bushra Alsaadi, Bashaer Alsaadi, Hind Bitar, "Core-Periphery Detection Of Health Message Campaign On Social Media During Covid-19", 11\ Journal Of King Abdulaziz University Computing And Information Technology Sciences, 2022.
7. Raeda Azhar, Mohnna Subahi, Hattan Badr, Omar Buksh, Abdullah Khawaji, AhmedK Yamni, GhadaAhmad Amoudi, Anmar Nassir, "Influence Of Social Media On Urologic Knowledge Acquisition Among Young Urologists In Saudi Arabia", Urology Annals, vol: 0, pp. 0, 2022.  
DOI: [10.4103/ua.ua\\_38\\_21](https://doi.org/10.4103/ua.ua_38_21)
8. Ghada Amoudi, Rasha Albalawi, Fatimah Baothman, Amani Jamal, Hanan Alghamdi, Areej Alhothali, "Arabic Rumor Detection: A Comparative Study", Alexandria Engineering Journal, vol: 61, pp. 12511-12523, 2022.  
DOI: [10.1016/j.aej.2022.05.029](https://doi.org/10.1016/j.aej.2022.05.029)
9. Hind BITAR, Ghada AMOUDI, Reem ALSULAMI, Samar ALAHMADI, "Building And Evaluating An Android Mobile App For People With Hearing Disabilities In Saudi Arabia To Provide A Real-Time Video Transcript: A Design Science Research Study", Revista Rom&Aacute;De Informatic? ?I Automatic?, vol: 31, pp. 109-122, 2021.  
DOI: [10.33436/v31i3y202109](https://doi.org/10.33436/v31i3y202109)
10. Hanan Alghamdi, Ghada Amoudi, Salma Elhag, Kawther Saeedi, Jomanah Nasser, "Deep Learning Approaches For Detecting Covid-19 From Chest X-Ray Images: A Survey", Ieee Access, pp. 1-1, 2021.  
DOI: [10.1109/ACCESS.2021.3054484](https://doi.org/10.1109/ACCESS.2021.3054484)
11. Fatima Alqahtani, Ghada Amoudi, "Optimizing Spam Detection In Twitter By Using Na&Amp;luml;Ve Bayes, Logistic Regression And Stochastic Gradient Descent With Whale Optimization Algorithm And Genetic Algorithm", Journal Of Xi&Amp;#039;&Amp;#039;An University Of Architecture &Amp;Amp; Technology, 2020.
12. Ghada Ahmed, Carolyn Watters, "A Study Of The Relationship Between The Geographic Locations Of The User And Participation In Twitter During Different Types Of News Events", Transactions On Machine Learning And Artificial Intelligence, vol: 6, 2018.  
DOI: [10.14738/tmlai.66.5636](https://doi.org/10.14738/tmlai.66.5636)
13. Ghada Amoudi, "Popularity Prediction In Twitter During Financial Events", 2018 21st Saudi Computer Society National Computer Conference (Ncc), 2018.
14. Carolyn Watters, Ghada Amoudi, "Location Based Ranking Of Search Engine Results", Usa, 2003.