

# CURRICULUM VITAE

**Manar Alsaid**

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## **EDUCATION**

- BSc (Computer Science), Al-Balqa Applied University, Jordan, 2007-2010
- Ph.D. (Information Studies with a Concentration in Data Science) University North Texas, 2018- now

## **WORK EXPERIENCE**

- Teaching Fellow, Department of Information Science, University of North Texas. From June 2022 - Now.
- Teaching Assistant, Department of Information Science, University of North Texas. From January 2019- 2022.
- Graduate Student Assistant (Administrative assistant). Department of Information Science, University of North Texas. From October 2020 – December 2020.
- Research Support. Data Innovation Lab. Department of Information Science, University of North Texas. From 2021 – Now.
- Assistant Editor for Journal of Information & Knowledge Management from March 2022 – Now. (<https://www.worldscientific.com/page/jikm/editorial-board> )
- Computer lab supervisor and technician Assistant at Hajawi for Engineering Technology College, Yarmouk University, Irbid, Jordan (2009-2010)

## **AWARDS & SCHOLARSHIP**

- The College of Information (COI) at the University of North Texas, as part of COI special celebration for the 15th anniversary. Poster as a 3rd Place selection to be displayed in the anniversary event on November 10, 2023
- The University of North Texas, Tuition Benefit Program (TBP) Award Agreement for Fall 2023 and Spring 2024
- The University of North Texas, Tuition Benefit Program (TBP) Award Agreement for Fall 2022 and Spring 2023
- The University of North Texas, Department of Information Science Travel Grant, Fall 2023
- The University of North Texas, Graduate School Travel Grant, Fall 2023
- The University of North Texas, Graduate School Travel Grant, Spring 2022
- The University of North Texas, Department of Information Science Travel Grant, Spring 2022
- The University of North Texas, COVID-19 Student Success Award (Spring 2022,

- Summer 2021, Fall 2021)
- The University of North Texas, Toulouse Graduate School Summer 2022 Award
- COI/LIS Virginia Clarke Scholarship Fall 2022 and Spring 2023
- The University of North Texas, Tuition Benefit Program (TBP) Award Agreement for Fall 2020 and Spring 2021
- COI/LIS General Scholarship
- Agnes LC Greene Memorial Scholarship
- The Dewey E. Carroll Graduate Fellowship and the Mark E. Rorvig Endowed Graduate Fellowship 2020

## **RESEARCH**

### **Research Interest**

My research agenda and philosophy are centered around issues of great importance to the fields of data science and technology. It is based on the belief that research is an essential tool for critical thinking and informs teaching and practice. The integration of technology such as AI technology, and intelligent systems into different aspects of our lives, from social to economic to health, has changed the way we interact, converse, and share information and knowledge. The following are some of the areas (not limited) that characterize my research interest:

- Data Analytics, Natural Language Processing, Content Analysis, Big Data
- AI technology and algorithm
- Information Security
- Social Informatics
- Social Media Analytics
- AI and Social Problems in Sustainability, Health, Social Justice
- Organizational Culture and Diversity

### **Research Projects and Grants**

- Academic Integrity and the Role of libraries in Promoting Civic Engagement and Ethical Use of AI. IMLS Laura Bush 21st Century Librarian Program. 2023-2024. Requested amount \$350,000. (Submitted).
- Implicit Bias and Cultural Competence: A Framework for Enhancing Tacit Knowledge
- The Impact of Social Noise on social media and the Original Intended Message: BLM as a Case Study
- COVID-19: Mask Misinformation and Social Noise
- The Impact of Misinformation and Social Noise on Masking: Data Analysis Using Twitter Masking Hashtags
- Factors Influencing COVID-19 Vaccinations: Data Analysis of Twitter's Related Hashtags
- Data Curation and Digital Preservation for Smart Cities and Libraries
- Social Noise and People's Perception of Global Warming During Critical Environmental Events
- Social Noise and its Impact on the Health of The Information Ecosystem. Examining the

- Relationship between Social Noise and Social Entropy
- Data Curation and Digital Preservation for smart cities and libraries. IMLS Laura Bush 21st Century Librarian Program.2022-2023. (Submitted Not selected)
- Archivists in the Age of Misinformation: The Challenges of Preserving Digital Information and Providing Long Term Access. F. Gerald Ham and Elsie Ham Scholarship. 2022 (Submitted Not selected)
- The Association for Library and Information Science Education (ALISE) Diversity Travel Award to submitted to the ALISE 2022 Annual Conference (Not selected)

## **TEACHING**

- INFO 6000 Seminar in Information Science the Fall of 2023 both the Denton and Frisco campuses (Teaching Assistant)
- INFO 5503 Knowledge Management Processes and Practices, in the Fall of 2023 (Teaching Fellow)
- INFO 5503 Knowledge Management Processes and Practices, in Summer 2023 (Teaching Fellow)
- INFO 5295 Preservation in Summer 2023 (Teaching Assistant)
- INFO 5230 Records Management & Document Management, in Spring 2023 (teaching Fellow)
- INFO 4230 Records Management & Document Management, Spring 2023 (Teaching Fellow)
- INFO 5000 Information and Knowledge Professions in Summer 2023 (Teaching Assistant)
- INFO 6000 Seminar in Information Science, Denton and Frisco campuses, Fall 2022 (Teaching Assistant).
- INFO 5503 Knowledge Management Processes and Practices in Fall 2022 (Teaching Assistant)
- INFO5295 Presentation, Spring 2022 (Teaching Assistant).
- INFO 5500 Foundational Principles in Knowledge Management, Spring 2022 (Teaching Assistant).
- INFO 6000 Seminar in Information Science and for the Denton and Frisco campuses, Fall 2021 (Teaching Assistant).
- INFO 5503 Knowledge Management Processes and Practices, Fall 2021(Teaching Assistant).
- INFO 4745 Information Architecture, in Summer 2021 (Teaching Assistant).
- INFO 5745 Information Architecture, Summer 2021 (Teaching Assistant).
- INFO 5000 Information and Knowledge Professions, in Spring 2021 (Teaching Assistant).
- Worked with the Center for Learning Experimentation, Application and Research (CLEAR) on developing and revising the content for INFO 4745 and INFO 5745 Information Architecture Spring 2021
- Developed a new course, INFO 4100 Information Science, in Spring 2021
- INFO 5295 Preservation, in Fall 2020 (Teaching Assistant).
- Fall 2020, helped with administrative tasks for the Chair of the Department of Information Science at the University of North Texas as a Graduate Service Assistant

- (GSA)
- INFO 5200 Information Organization, in Spring 2020 (Student Assistant).

## **SERVICE AND COMMUNITY WORK**

### **Editorial and Reviewing Work**

- Assistant editor for the Journal of Information and knowledge management (JIKM). Serving as an assistant editor involved coordinating paper submissions, assisting editor in Chief and associate editor with reviewing and corresponding with authors.
- Served as a reviewer for Journals and conferences, including the Journal of Information Science, the Journal of Information and Knowledge Management (JIKM), The International Conference on Knowledge Management (ICKM), and so on.

### **Conferences and Seminars**

- Attended and presented papers and posters at ICKM in 2020 and 2022, ALISE in 2022 and 2023, and MIRS in 2021 and 2022
- International Grand Award Judge, serving as a Grand Award Judge at International Science and Engineering Fair (ISEF) 2023. Regeneron ISEF 2023, an in-person event for finalists and judges in Dallas, TX, at the Kay Bailey Hutchison Convention Center from May 13-19, 2023, in the Social Science category.

### **Service to The Department and University**

- AI Algorithm and Machine Learning workshops Spring 2024
- The College of Information (COI) special celebration for the 15th anniversary, Nov 2023
- AI Algorithm and Machine Learning workshops Fall 2023
- Health Informatics Lecture Series: Developing and Deploying Large Language Models in Healthcare Fall 2023 ( <https://ci.unt.edu/health-informatics-lecture-series> )
- Discovery Series: AI Support Tools for Teaching, Learning, and Research, Fall 2023 ( <https://ci.unt.edu/discovery-series> )
- CODE (Career Opportunities Direction Exploration) Series aim to stimulate the exchange of ideas at the intersection of information science, linguistics, and learning technologies ( <https://ci.unt.edu/discovery-series> )
- The Department of Information hiring process
- The Department of Information Science Research Seminar (Brown Bag) in 2021, 2022,2023
- Conference at the University of North Texas (MIRS) 2021 and 2022
- Participated in the Department of Information Science Faculty hiring process.
- Basics of Finding Funding for Graduate Students workshops, Fall 2023
- Python language workshop Spring 2020
- R- language Spring 2020

### **Community Work**

- Volunteering in the athletic teams at McMath Middle School, Denton, TX, assists coaches and athletes on how young athletes seek accurate health information.
- Parent-Teacher Association (PTA) at Denton ISD
- Voluntarily worked as family support at Cook Children's Hospital Fort Worth, Texas

### **Professional Association Membership**

- UNT Data Science Organization
- UNT Honor Society
- Graduate Student Council
- The International Council on Knowledge Management (ICKM)
- The Association for Library and Information Science Education (ALISE)
- The Association for Information Science and Technology (ASIS&T)

### **SKILLS & COMPETENCIES**

- Editorial and reviewing work.
- Programming languages: Perl, Java, C++, HTML, PHP
- MySQL, Scheme, and MatLab Software: Microsoft Office
- Adobe Photoshop and Dreamweaver, 3ds Max DATA
- Communications and network
- Operating Systems: Windows (95, 98, 2000, XP, Vista),
- Mac OS, Linux
- Information Science software: LIBIB, mined map and literature maps software, and NVivo
- Python
- IBM, SPSS, Data modeling, data mining, VOSviewer, RapidMine
- Big data analytics
- Analytical thinking skills
- Predictive modeling techniques: decision trees Analytical tools: SAS, IBM, SPSS, Drupal 8, Tableau
- Computer skills education
- Group and individual instruction

### **PUBLICATIONS AND PRESENTATIONS**

#### **Refereed Journal Articles**

- Durr, A., Alsaid, M. (2023). Addressing Systemic Inequality through Technology and Organizational Culture: Addressing Systemic Inequality through Technology and Organizational Culture. Equality, Diversity and Inclusion journal .(*Submitted*)
- Durr, A., Alsaid, M. (2023). Knowledge Management as a Key Factor in the Development and Sustainability of Smart Cities: From Theory of Knowledge Management to Practice. *IntechOpen, the world's leading publisher of Open Access books*. ISBN 978-1-83769-422-8.
- Pampapura, N. M., Alsiad, M. and Hawamdeh, S. ( 2023 ). Social Noise on Social

Media and Users Perception of Global Warming. *Journal of Information & Knowledge Management*. Vol. 22, No. 4. DOI: 10.1142/S0219649223500508

- Alsaid, M., & Madali, N. P. (2022). Social Noise and the Impact of Misinformation on COVID-19 Preventive Measures: Comparative Data Analysis Using Twitter Masking Hashtags. *Journal of Information & Knowledge Management*, 2240007.
- Pampapura Madali, N., Alsaid, M., & Hawamdeh, S. (2022). The impact of social noise on social media and the original intended message: BLM as a case study. *Journal of Information Science*, 01655515221077347
- Alsaid, M., Hawamdeh, S., & Long, B. S. (2020). Implicit Bias and Cultural Competence: A Framework for Enhancing Tacit Knowledge Transfer. *International Journal of Knowledge Engineering and Management*, 9(25), 6-30

### Conference's papers, and Presentations

- Alsaid, M. (2023), Reducing Uncertainty Caused by Social Noise on Social Media Platform, *the ALISE 23 Annual Conference*. Milwaukee, Wisconsin, USA.
- Buchanan, S., Alsaid, M., Hawamdeh, S., Harris, R. (2023). Translating Practice to Positively Transform our Information Workforce. *In Proceedings of the ALISE 23 Annual Conference*. Milwaukee, Wisconsin, USA
- Alsaid, M., & Hawamdeh, S. (2022). The Impact of Social Media on COVID-19 Vaccine Hesitancy and Acceptance: Data Analytic Approach. *In Proceedings of the ALISE Annual Conference*. In Pennsylvania, USA. URL: <https://iopn.library.illinois.edu/journals/aliseacp/article/view/1098>
- Hawamdeh, S. & Alsaid, M. (2023). The relationship between social noise and misinformation and their impact on the information ecosystem. *Presentation at The Department of Information Science Research Seminar. University of North Texas*. URL: <https://informationscience.unt.edu/researchmeetings>
- Pampapura, N. M., Alsaid, M. and Hawamdeh, S. (2022). Social Media and People Perception of Global Warming During Critical Environmental Events: The Impact of Misinformation Through The Lens of Social Noise. *The 17th International Conference on Knowledge Management (ICKM), paper, in Germany, June 2022*. <https://digital.library.unt.edu/ark:/67531/metadc2026753/m1/316/>
- Alsaid, M. (2022). Archivists in the Age of Misinformation: The Challenges of Preserving Digital Information and Providing Long-Term Access. *(MIRS) conference at the University of North Texas*
- Alsaid, M., Madali, N. P., Zimmerman, T., & Hawamdeh, S. M. (2020). COVID19: Mask misinformation and social noise. *International Conference on Knowledge Management (ICKM) in North Carolina, 2020*. <https://digital.library.unt.edu/ark:/67531/metadc1813454/>
- Alsaid, M. (2021). Doctors Information Seeking Behavior on social media and Their Ability to Identify Credibly and Reliable Medical Information. *(MIRS) conference at the University of North Texas*
- Pampapura, N. M., Alsaid, M. and Hawamdeh, S. (Oct 27, 2021). The Impact of Social Noise on Social Media and the Original Intended Message: BLM as a Case Study. *Presentation at The Department of Information Science Research Seminar. University*

- of North Texas. URL: <https://informationscience.unt.edu/research-meetings>
- Alsiad, M., Pampapura, N. M., and Hawamdeh, S. (Nov 4, 2021). COVID-19 Misinformation and Social Noise. *Presentation at the Department of Information Science Research Seminar*. The University of North Texas. URL: <https://informationscience.unt.edu/research-meetings>

### Conference Participation

- Attend and participate in 2023 Winter School: Introduction to Plotting Social Networks with R, (Dec 7 & 8, 2023). URL: <https://members.asist.org/events/Details/2023-winter-school-introduction-to-plotting-social-networks-with-r-971837?sourceTypeld=Website>
- Attend and participate in Building 2023 Winter School: Information Ethical Considerations of Generative AI: Research, Teaching & Learning URL: <https://members.asist.org/MIC/20782491/0/#/E/EventDetail/971810/868746>
- Attend and participate in Live Project for Software Developers "Build Your Own Digital Clock!-Sculpt Your Moments. ( Dec 14, 2023) URL: <https://www.linkedin.com/events/7138068390635569154/comments/>
- Attend and participate in Building Capacity of Academic Librarians in Understanding Quantitative Data, Data Quality Problems, and Evaluating Data Quality. This project was made possible in part by the Institute of Museum and Library Services [RE-252357-OLS-22]. ( January 26, 2023 ongoing) URL: <https://sites.google.com/view/imls2022-data-quality/home?authuser=0>
- Participated in a webinar on Data Quality Evaluation: Librarians' Role In Cultivating Data-Literate Citizens. July 27, 2023. [IMLS National Forum Webinar Session #7]. <https://sites.google.com/view/imls2022-data-quality/sessions/7-librarians-role-in-cultivating-data-literate-citizens?authuser=0>
- Participated in the webinar Data Quality Evaluation: Evolving Employer Expectations. Thursday, June 29, 2023. [IMLS National Forum Webinar Session #6]. <https://sites.google.com/view/imls2022-data-quality/sessions?authuser=0>

### Work in Progress

- Ph.D. dissertation on Relationship Between Social Noise and Misinformation and Their Impact on The Health of The Information Ecosystem. Expected to Graduate in Spring 2024
- A paper on the Relationship Between Social Noise and Misinformation and Their Impact on Th Health of The Information Ecosystem to be submitted to a peer review journal.