

السيرة الذاتية

معلومات عامة

- الاسم: محمد سند سحيمان الشمري
- الجنسية: سعودي
- البريد الإلكتروني: mohammed.alshammari@nbu.edu.sa
- الهاتف المحمول: 00966503173483
- الهاتف الثابت/التحويلة: 0146615873
- معارف البحث:
- <https://scholar.google.com/citations?hl=en&user=sIdaG18AAAAJ>
- <https://orcid.org/0000-0002-5859-7490>
- <https://www.researchgate.net/profile/Mohammed-Alshammari-6>

المؤهلات العلمية

السنة	الجامعة / المؤسسة التعليمية	التخصص	الدرجة العلمية
2019	جامعة لويفل – أمريكا	علوم الحاسب	دكتوراه
2011	جامعة ليستر – بريطانيا	علوم الحاسب	ماجستير
2008	جامعة حائل – السعودية	تربية الحاسب الآلي	بكالوريوس

الخبرات الأكاديمية

المدة	المنصب	الجامعة / المؤسسة	المرتبة
1441-1433	عضو هيئة تدريس في قسم علوم الحاسبات	جامعة الحدود الشمالية	محاضر
1441 حتى الان	عضو هيئة تدريس في قسم علوم الحاسبات	جامعة الحدود الشمالية	أستاذ مساعد
1443 حتى الان	وكيل كلية الحاسبات وتقنية المعلومات للشؤون الأكاديمية	جامعة الحدود الشمالية	أستاذ مساعد

العضويات المحلية والدولية

- IEEE Membership
- SCITEPRESS Membership

الأوسمة والجوائز

- جائزة التميز الدراسي من الملحقة الثقافية السعودية في بريطانيا 2010 و 2011.

خدمة المجتمع

- رئيس النادي السعودي في جامعة لويفل، أمريكا، 2018-2019.

ورش العمل والدورات التدريبية

- الخطط الاستراتيجية والتشغيلية والتنفيذية ومؤشرات الأداء، جامعة الملك عبد العزيز، 2022/3
- IBM Academic، Business Intelligence Analyst، 2020/3
- مقدمة في القيادة الأكاديمية – واشنطن أمريكا، منظمة من قبل الملحقة الثقافية في أمريكا، مركز القيادة الأكاديمية، 2018/1
- Publishing Academy، School of Interdisciplinary and Graduate Studies at University of Louisville، 2017/4، Louisville
- PLAN Participation، School of Interdisciplinary and Graduate Studies at University of Louisville، 2017/4، Louisville
- Saudi Students Association at University of Louisville، Leadership and Communication Skills

2019/3

2019/2 ،Saudi Students Association at University of Louisville ،Critical Thinking •

مؤتمرات علمية تم حضورها / المشاركة فيها

- Attendance ،Houston, Texas, USA, April 2017 ،SDM 2017
- Poster ،University of Louisville, Mar 2018 ،Speed Research Exposition
- Paper ، Seville, Spain, Sep 2018 ،IC3K 2018
- Poster ،University of Louisville, Mar 2019 ،Speed Research Exposition
- Paper،Vienna, Austria, Sep 2019 ،IC3K 2019
- University of Louisville, USA, ،Computer Engineering & Computer Science weekly seminar
- Seminar talk ،Mar 2019

المواد تم تدريسها

- CPIT 305 Advance Application Programming
- CPCS 211 Logic Design
- CPCS 204 Data Structure
- CPIT 285 Computer Graphics
- CPCS 203 Programming II
- CPIS 358 Internet Applications & Web Programming
- CPIT 370 Computer Networks
- CPCS241 Database 1

الاهتمامات البحثية

الذكاء الاصطناعي، تعلم الآلة، نظام التوصيات، شرح التوصيات، الويب الدلالي، البيانات المفتوحة المترابطة.

Curriculum Vitae (CV)

General Information

- **Name:** Mohammed Sanad Suhaiman Alshammari
- **Nationality:** Saudi
- **Emails:** mohammed.alshammari@nbu.edu.sa
- **Mobile:** 00966503173483
- **Phone Ext.:** 0146615873
- **Research IDs:**
- <https://scholar.google.com/citations?hl=en&user=sIdaG18AAAAJ>
- <https://orcid.org/0000-0002-5859-7490>
- <https://www.researchgate.net/profile/Mohammed-Alshammari-6>

Academic Qualifications

Degree	Specialty	Institution	Year
Ph.D.	Computer Science	University of Louisville	2019
M.Sc.	Computer Science	University of Leicester	2011
B.Sc.	Computer Education	University of Ha'il	2008

Academic Experience

Rank	Institution	Title	Duration
Lecturer	Northern Border University	CS faculty member	2012-2019
Assistant Professor	Northern Border University	CS faculty member	2019 – until now
Assistant Professor	Northern Border University	Vice dean for academic affairs	2022 – until now

Local and International Memberships

- IEEE Membership
- SCITEPRESS Membership

Honors and awards

- Academic Excellence Award from the Saudi Cultural Bureau in Britain 2010 and 2011.

Community Services

- President of Saudi Students Organization at University of Louisville, KY, USA.

Workshops and Training courses

- Strategic, operational and executive plans and performance indicators, King Abdulaziz University, 3/2022
- Business Intelligence Analyst, IBM Academic, 3/2020
- Introduction to Academic Leadership – Washington DC, USA, Academic Leadership Center, 1/2018
- Publishing Academy, School of Interdisciplinary and Graduate Studies at University of Louisville, 4/2017
- Leadership and Communication Skills, Saudi Students Association at University of Louisville,

2019/3

- Critical Thinking, Saudi Students Association at University of Louisville 2/2019

Conferences Attended / Participated

- SDM 2017, Houston, Texas, USA, April 2017, Attendance
- Speed Research Exposition, University of Louisville, Mar 2018, Poster
- IC3K 2018, Seville, Spain, Sep 2018, Paper
- Speed Research Exposition, University of Louisville, Mar 2019, Poster
- IC3K 2019, Vienna, Austria, Sep 2019, Paper
- Computer Engineering & Computer Science weekly seminar, University of Louisville, USA, Mar 2019, Seminar talk

Taught Courses

- CPIT 305 Advance Application Programming
- CPCS 211 Logic Design
- CPCS 204 Data Structure
- CPIT 285 Computer Graphics
- CPCS 203 Programming II
- CPIS 358 Internet Applications & Web Programming
- CPIT 370 Computer Networks
- CPCS241 Database 1

Research Interests

Artificial Intelligence, Machine Learning, Recommender Systems, Explanations, Semantic Web, Linked Open Data.

Publications

- Alshammari, Mohammed Sanad, "An explainable recommender system based on semantically-aware matrix factorization." (2019). *Electronic Theses and Dissertations*. Paper 3273. <https://doi.org/10.18297/etd/3273>
- Mohammed Alshammari, Olfa Nasraoui, and Behnoush Abdollahi. A semantically aware explainable recommender system using asymmetric matrix factorization. In Proceedings of the 10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS - Science and Technology Publications, 2018.
- Mohammed Alshammari and Olfa Nasraoui. Augmented semantic explanations for collaborative filtering recommendations. In Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS -

Science and Technology Publications, 2019.

- Mohammed Alshammari, Olfa Nasraoui, and Scott Sanders. Mining semantic knowledge graphs to add explainability to black box recommender systems. IEEE Access, 7:110563–110579, 2019
- Mohammed Alshammari, Feature-Based Interpretation for Black Box Models in a Restaurant Domain, In Proceedings of the 3rd International Conference on Computer and Information Sciences (ICCIS) (2021).
- Olurotimi Seton, Pegah Sagheb Haghghi, Mohammed Alshammari, Olfa Nasraoui, Tag-boosted Explainable Matrix Factorization Methods for Multi-style Explanations, ACM ISBN 978-1-4503-2138-9. DOI:10.1145/1235 (2021).
- Mohammed Alshammari, Explanations in Recommender Systems using Linked Open Data - A Survey, International Journal of Computer Science and Network Security, Vol 22. May 2022.