

# منيفه كريم العنزي

الكلية الجامعية بالخفجي

جامعة حفر الباطن

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## المؤهلات التعليمية

- دكتوراة في علوم الحاسب والهندسة بمعدل 3.98 من 4، جامعة سنسناتي، أمريكا
  - ماجستير في علوم الحاسب بمعدل 4 من 4، جامعة ولاية كينيساو، أمريكا
  - دبلوم عالي في هندسة البرمجيات بمعدل 4 من 4، جامعة ولاية كينيساو، أمريكا
  - بكالوريوس العلوم والتربية في تخصص الحاسب الآلي بمعدل 3.48 من 4، جامعة الدمام
- اوقست 2016 - ابريل 2021  
يناير 2014 - مايو 2016  
يناير 2015 - مايو 2016  
سبتمبر 2005 - يوليو 2009

## الخبرات العملية

- جامعة حفر الباطن (جامعة الدمام سابقاً)
    - محاضر، قسم العلوم والتكنولوجيا
    - معيد، قسم العلوم والتكنولوجيا
- 2016 - الان  
2011 - 2016

## الاهتمامات البحثية

Software Engineering, Requirements Engineering, Traceability, Mutation Analysis, and Model-Driven Engineering.

## الجوائز والتشريفات

- جائزة أفضل محكم في المؤتمر العلمي: 21<sup>st</sup> IEEE International Conference on Information Reuse and Integration (IRI 2020)
- منحة من جامعة سنسناتي لدراسة الدكتوراة في تخصص علوم الحاسب والهندسة بمبلغ 21164 دولار سنوياً.
- جائزة تميز طالب دراسات عليا من جامعة ولاية كينيساو والتي تمنح لطالب واحد من كل قسم في كل عام.
- شهادة ورشة عمل تطوير القيادة الأكاديمية من مركز القيادة الأكاديمية والمنعقدة في واشنطن برعاية الملحقية الثقافية في أمريكا.
- شهادة تقدير من جامعة ولاية كينيساو للطلبة الحاصلين على معدل 4 من 4.
- منح سفر لحضور مؤتمرات مقدمة من الجهات التالية:
  - US National Science Foundation (NSF) Travel Award for ASE (2019).
  - SIGSOFT Travel Award for ASE (2019).
  - US National Science Foundation (NSF) Travel Award for ASE (2019).
  - US National Science Foundation (NSF) Travel Award for ESEC/FSE (2018).
  - University of Cincinnati Travel Award (CEAS, GSGA) for ESEC/FSE (2018).
  - US National Science Foundation (NSF) Travel Award for GCT (2017).

## التحكيم في المؤتمرات

- Program Committee at the 22nd IEEE International Conference on Information Reuse and Integration for Data Science (IRI 2021).

- Program Committee at the 22nd IEEE International Conference on Information Reuse and Integration for Data Science (industry/application track) (IRI 2021).
- Program Committee at the 11th IEEE International Model-Driven Requirements Engineering (MoDRE), co-located with the 29th IEEE International Requirements Engineering Conference (RE 2021).
- Conference session chair, IRI 2020.
- Program Committee at the 21st IEEE International Conference on Information Reuse and Integration for Data Science (IRI 2020).
- Program Committee at the 28th IEEE International Requirements Engineering Conference (RE) (Posters and Demo track).
- External Reviewer at the 26th IEEE International Requirements Engineering Conference (RE 2018).

### النشر العلمي

1. **Mounifah Alenazi**, Nan Niu, and Juha Savolainen, "A Novel Approach to Tracing Safety Requirements and State-Based Design Models", *42nd International Conference on Software Engineering (ICSE 2020)*, Seoul, South Korea, July 6-11, 2020, pp.848-860.
2. **Mounifah Alenazi**, Nan Niu, and Juha Savolainen, "[A Process Mining based Approach to Improving Defect Detection of SysML Models](#)", *Late Breaking Results Track at The 34th IEEE/ACM International Conference on Automated Software Engineering (ASE 2019)*, San Diego, California, United States, November 13, 2019.
3. **Mounifah Alenazi**, Nan Niu, and Juha Savolainen, "[SysML Modeling Mistakes and Their Impacts on Requirements](#)", *9th International Model-Driven Requirements Engineering Workshop (MoDRE)*, Jeju Island, South Korea, September 24, 2019, pp. 14-23.
4. Wentao Wang, Nan Niu, **Mounifah Alenazi**, and Li Da Xu, "[In-Place Traceability for Automated Production Systems: A Survey of PLC and SysML Tools](#)", *IEEE Transactions on Industrial Informatics*, Volume: 15, Issue: 6, June 2019, pp. 3155-3162, IEEE ([Xplore](#)).
5. Wentao Wang, Nan Niu, **Mounifah Alenazi**, Juha Savolainen, Zhendong Niu, Jing-Ru C. Cheng, and Li Da Xu, "[Complementarity in Requirements Tracing](#)", *IEEE Transactions on Cybernetics*, Volume: 50, Issue: 4, April 2020, pp. 1395-1404, IEEE ([Xplore](#)).
6. **Mounifah Alenazi** "[Leveraging Traceability and Obstacle Analysis to Ensure Requirements Fulfillment in Systems Engineering](#)" *12th Joint Meeting of the European Software Engineering Conference and the Symposium on the Foundations of Software Engineering (ESEC/FSE)*, Doctoral Symposium (Poster), 2018.
7. **Mounifah Alenazi**, Nan Niu, Wentao Wang, and Juha Savolainen, "[Using Obstacle Analysis to Support SysML-Based Model Testing for Cyber Physical Systems](#)," *8th International Model-Driven Requirements Engineering Workshop (MoDRE)*, Banff, Canada, August 20, 2018, pp. 46-55.
8. **Mounifah Alenazi**, Deepak Reddy, and Nan Niu, "[Assuring Virtual PLC in the Context of SysML Models](#)," *17th International Conference on Software Reuse (ICSR)*, Madrid, Spain, May 23, 2018, pp. 121–136.
9. **Mounifah Alenazi**, Nan Niu, Wentao Wang, and Arushi Gupta, "[Traceability for Automated Production Systems: A Position Paper](#)," *7th International Model-Driven Requirements Engineering Workshop (MoDRE)*, Lisbon, Portugal, September 4, 2017, pp. 51–55.
10. **Mounifah Alenazi**, Nan Niu, Wentao Wang, and Birgit Vogel-Heuser, "[Traceability for Evolving Automated Production Systems](#)," *Grand Challenges of Traceability: The Next Ten Years*, Kentucky, USA, April 1, 2017, pp. 28–30.

11. Nan Niu, Juha Savolainen, Wentao Wang, and **Mounifah Alenazi**, "[Best of Both Worlds: Synthesizing the Human and Method Sides of Requirements Tracing](#)," *Grand Challenges of Traceability: The Next Ten Years*, Kentucky, USA, April 1, 2017, pp. 13–15.

### التطوع

- Student Volunteer at the 26th ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE), Lake Buena Vista, Florida, November 2018.
- Student Volunteer at the 18th International Conference on Software and Systems Reuse (ICSR 2019), Cincinnati, OH, June 2019.