

Mounifah Alenazi

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ACADEMIC EMPLOYMENT

University of Hafr-ALBatin (Formerly University of Dammam)

- Instructor, Department of Supportive Studies, College of Arts and Sciences. Feb 2011 – Present

EDUCATION

University of Cincinnati, Cincinnati, Ohio, USA.

- Ph.D. in Computer Science and Engineering. Aug 2016 – Present

Kennesaw State University, Kennesaw, Georgia, USA.

- M.S. in Computer Science. Jan 2014 – May 2016
 - Cumulative GPA: 4.0 / 4.0.
- Graduate Certificate in Software Engineering. Aug 2015 – May 2016
 - Cumulative GPA: 4.0 / 4.0.

University of Dammam, Jubail, Saudi Arabia.

- B.S. in Science and Education in Computer. Sep 2005 – Jul 2009
 - Graduated with College Honors.
 - Cumulative GPA: 3.48 / 4.00.

RESEARCH INTERESTS

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

PUBLICATIONS

CONFERENCES

- [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 (ICSE2020)*, Seoul, South Korea, May 23–29, 2020 (accepted).
- [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 11–15, 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, (accepted).
- [4] [Mounifah Alenazi](#), “Leveraging Traceability and Obstacle Analysis to Ensure Requirements Fulfilment in Systems Engineering”, *Proceedings of the 12th Joint Meeting of the European Software Engineering Conference and the Symposium on the Foundations of Software Engineering (ESEC/FSE), Doctoral Symposium (Poster), 2018*.
- [5] [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.
- [6] [Mounifah Alenazi](#), Deepak Reddy, and Nan Niu, “Assuring Virtual PLC in the Context of SysML Models”, *17th International Conference on Software Reuse*, Madrid, Spain, May 23, 2018, pp. 121–136.
- [7] [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.
- [8] [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.

- [8] 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.

JOURNALS

- [1] Wentao Wang, Nan Niu Mounifah Alenazi, and Li Da Xu “In-Place Traceability for Automated Production Systems: A Survey of PLC and SysML Tools”, in *IEEE Transactions on Industrial Informatics* (accepted).
- [2] Wentao Wang, Nan Niu Mounifah Alenazi, Juha Savolainen, Zhendong Niu, Jing-Ru C. Cheng, and Li Da Xu “Complementarity in Requirements Tracing”, in *IEEE Transactions on Cybernetics* (accepted).

ACADEMIC AWARDS & HONORS

- University Graduate Scholarship from University of Cincinnati for the Ph.D. program in Computer Science and Engineering (2016 - Present).
- SIGSOFT Travel Award for ASE (2019).
- US National Science Foundation (NSF) Travel Award for ASE (2019).
- Outstanding Graduate Student Award (Kennesaw State University, 2016).
- US National Science Foundation (NSF) Travel Award for ESEC/FSE (2018).
- University of Cincinnati Travel Award (CEAS, GSGA) for ESEC/FSE (2018).
- Academic Leadership Development Workshop Certificate, ACADEMIC LEADERSHIP CENTER, Organized by Saudi Arabian Cultural Mission (SACM)- January 20, 2018.
- US National Science Foundation (NSF) Travel Award for GCT (2017).
- Kennesaw State University 4.0 GPA Club (Fall 2015).
- Member of the National Society of Leadership and Success (Fall 2015 - Present).
- Member of the Golden Key International Honor Society.
- Elected to SCLA Honor Society, Upsilon Pi Epsilon Honor Society, and Honor Society of Phi Kappa Phi.

TEACHING ASSISTANCE

University of Cincinnati

- CS2028C: Data Structures.

TEACHING

University of Hafr-ALBatin

- COMP 101N: Introduction to Information Technology.
- COMP 215N: Computer Networking.
- MATH 280N: Introduction to Programming.
- MATH 180N: Introduction to Computer Science.

PROFESSIONAL SERVICES

- Program Committee of the Posters and Demo track of the 28th IEEE International Requirements Engineering Conference (RE'20).
- 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.

REFEREES

- Available upon request.

[Mounifah Alenazi- Curriculum Vitae (December 2019)]