

Academic Resume



Noor Bajuniad

Assistant Professor, Information Technology Department

Contact Information.

Building FCIT, Room 156, Add. King AbdulAziz University, nbajunaid@kaudotedu.sa.

Highest Degree.

2019, , Distributed Systems, George Mason University, USA.

Academic and Professional Experiences.

1. **2019 - Present**
Assistant Professor , Faculty of Computing and Information Technology, KAU., , .
2. **2016 - 2018**
Graduate Research Assistant, Volgenau School of Engineering, George Mason University.
3. **2009 - 2019**
Teaching Assistant, Faculty of Computing and Information Technology, KAU.

Research Interests.

System Performance Optimization, Autonomic Systems, Cloud Dynamic Resource Allocation, Distributed Systems, Modeling System Performance.

Teaching Interests.

Database, Software Engineering, Programming and Data Structures.

Certifications and Trainings.

Social, Scientific and Professional Affiliation.

1. 2014-2019, Ph.D. in Information Technology, George Mason University.
2. -, M.S. in Computer Science, George Mason University.
3. -, B.S. in Computer Science, Imam Mohammed Ibn Saud University.

Publications.

1. Noor Bajunaid, Daniel A. Menasce, "Data-Driven Derivation Of An Analytic Model For Parallel Servers With Job Replication", Ieee Transactions On Parallel And Distributed Systems, vol: 31, pp. 2435-2452, 2020.
DOI: [10.1109/TPDS.2020.2992571](https://doi.org/10.1109/TPDS.2020.2992571)
2. Noor Bajunaid, Daniel Menascé, "Efficient Modeling And Optimizing Of Checkpointing In Concurrent Component-Based Software Systems", Journal Of Systems And Software, 2018.
3. Noor Bajunaid, Daniel Menascé, "Analytic Models Of Checkpointing For Concurrent Component-Based Software Systems", The 8th Acm/Spec, 2017.
4. Daniel Menascé, Noor Bajunaid, "Performance Evaluation Of Heterogeneous Multi-Queues With Job Replication", 2017 Computer Measurement Group Conf. (Impact 2017), New Orleans, La, 2017.
5. Daniel Menascé and Noor Bajunaid, "Modeling And Optimization Of Multitiered Server-Based Systems", Proc. 2016 Computer Measurement Group Conf. (Impact 2016), La Jolla, Ca, 2016.