Salem Alqahtani

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EDUCATION

University at Buffalo, SUNY   Buffalo, NY
Doctor of Philosophy in Computer Science   *Jan. 2017 – Present*

University of Connecticut   Storrs, CT
Master of Science in Computer Science   *Jan. 2014 – May 2015*

King Khalid University   ABHA, KSA
Bachelor of Science in Computer Science   *Aug. 2006 – May 2010*

EXPERIENCE

Research Assistant   Jan 2017 – Present
University at Buffalo-SUNY   *USA*
- Distributed Systems Lab

Advanced English Training   May 2011 – Aug 2012
UPEEN   *USA*
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  Teaching Assistant   Aug 2010 – May 2011
  King Khalid University   *KSA*
  * Intro to CS, Data Structure in Java
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  Summer Intern   May 2009 – Aug 2009
  Saudi Aramco   *KSA*
  * Software Development Department
-
  Student Club at UB-SUNY   May 2009 – Aug 2009
  University at Buffalo, SUNY   *USA*
  * Software Development Department

ACADEMIC AWARDS AND ACHIEVEMENTS

Scholarship PhD   May 2017 – Present
King Khalid University   *KSA*
Scholarship MS   Aug 2014 – May 2015
King Khalid University   *KSA*
Graduated with Second honor Degree   May 2010
King Khlid University   *KSA*
  * Computer Science Department

Dean's lists   Jan 2006 – Dec 2009
King Khalid University   *KSA*
  * Computer Science Department

PROJECTS

PaxiBFT | *Golang*   Jan 2020 – May 2020
  * A framework that evaluates BFT performance

Big-BFT | *Golang*   Jan 2021 – Aug 2021
  * A prototype for consensus protocol

ML-Sys | *Python*   Jan 2019 – May 2019
  * A prototype for evaluating machine learning system performance

Publications

- ∗ **S. Alqahtani***, M. Demirbas. BigBFT: A Concurrent Leader Byzantine Faultt Tolerance Protocol. Under review (IEEE-coins-2021)
- ∗ **S. Alqahtani***, M. Demirbas. Bottlenecks in Blockchain Consensus Protocols. Under review (IEEE-ACCESS-2021)
- ∗ **S. Alqahtani***, M. Demirbas. Performance Analysis and Comparison of Distributed Machine Learning Systems. Appeared at International Conference on Computer Communications and Networks. Under submission(Computer Networks)
- ∗ K. Zhang*, **S. Alqahtani***, M. Demirbas. A Comparison of Distributed Machine Learning Platforms Appeared at International Conference on Computer Communications and Networks (IEEE-ICCCN)

Technical Skills

Languages: Java, Python, C/C++, Go, JavaScript, HTML/CSS
Libraries: pandas, NumPy, Matplotlib