

Salem Alqahtani

716-445-2288 | salemmoh@buffalo.edu | [linkedin.com/in/salem](https://www.linkedin.com/in/salem) | github.com/salem

EDUCATION

University at Buffalo, SUNY <i>Doctor of Philosophy in Computer Science</i>	Buffalo, NY <i>Jan. 2017 – Present</i>
University of Connecticut <i>Master of Science in Computer Science</i>	Storrs, CT <i>Jan. 2014 – May 2015</i>
King Khalid University <i>Bachelor of Science in Computer Science</i>	ABHA, KSA <i>Aug. 2006 – May 2010</i>

EXPERIENCE

Research Assistant <i>University at Buffalo-SUNY</i> <ul style="list-style-type: none">Distributed Systems Lab	Jan 2017 – Present USA
Advanced English Training <i>UPEEN</i> <ul style="list-style-type: none">	May 2011 – Aug 2012 USA
Teaching Assistant <i>King Khalid University</i> <ul style="list-style-type: none">* Intro to CS, Data Structure in Java	Aug 2010 – May 2011 KSA
Summer Intern <i>Saudi Aramco</i> <ul style="list-style-type: none">* Software Development Department	May 2009 – Aug 2009 KSA
Student Club at UB-SUNY <i>University at Buffalo, SUNY</i> <ul style="list-style-type: none">* Software Development Department	May 2009 – Aug 2009 USA

ACADEMIC AWARDS AND ACHIEVEMENTS

Scholarship PhD <i>King Khalid University</i>	May 2017 – Present KSA
Scholarship MS <i>King Khalid University</i>	Aug 2014 – May 2015 KSA
Graduated with Second honor Degree <i>King Khalid University</i> <ul style="list-style-type: none">* Computer Science Department	May 2010 KSA
Dean's lists <i>King Khalid University</i> <ul style="list-style-type: none">* Computer Science Department	Jan 2006 – Dec 2009 KSA

PROJECTS

PaxiBFT <i>Golang</i> <ul style="list-style-type: none">* A framework that evaluates BFT performance	Jan 2020 – May 2020
Big-BFT <i>Golang</i> <ul style="list-style-type: none">* A prototype for consensus protocol	Jan 2021 – Aug 2021
ML-Sys <i>Python</i> <ul style="list-style-type: none">* A prototype for evaluating machine learning system performance	Jan 2019 – May 2019

PUBLICATIONS

- * **S. Alqahtani***, M. Demirbas. BigBFT: A Concurrent Leader Byzantine Fault Tolerance Protocol. Under review (IPCCC 2021)
- * **S. Alqahtani***, M. Demirbas. Bottlenecks in Blockchain Consensus Protocols. Appeared at IEEE International Conference on Omni-layer Intelligent systems (IEEE COINS 2021)
- * **S. Alqahtani***, M. Demirbas. Performance Analysis and Comparison of Distributed Machine Learning Systems. Appeared at International Conference on Computer Communications and Networks (IEEE ICCCN 2019)
- * K. Zhang*, **S. Alqahtani***, M. Demirbas. A Comparison of Distributed Machine Learning Platforms. Appeared at International Conference on Computer Communications and Networks (IEEE ICCCN 2017)

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Go, JavaScript, HTML/CSS

Libraries: pandas, NumPy, Matplotlib