

Education	Computer Science & Artificial Intelligence Lab (CSAIL), MIT Visiting Researcher	09/2019 – Present
	Department of Computer Science, Duke University Ph.D. Student, Computer Science (expected September 2022) <ul style="list-style-type: none">• Advisor: Prof. Bruce Maggs	08/2017 – Present
	National University of Sciences and Technology (NUST), Pakistan Bachelor of Engineering, Software Engineering <ul style="list-style-type: none">• Senior Design Project: Differentiated Services over SDN-IXP	09/2010 – 06/2014
Publications	On Landing and Internal Pages: The Strange Case of Jekyll and Hyde in Internet Measurement <i>W. Aqeel, B. Chandrasekaran, B. Maggs, and A. Feldmann</i> ACM Internet Measurement Conference (IMC) 2020	
	A bird's eye view of the world's fastest networks <i>D. Bhattacharjee, W. Aqeel, G. Laughlin, B. Maggs, and A. Singla</i> ACM Internet Measurement Conference (IMC) 2020	
	Assertion-Carrying Certificates <i>W. Aqeel, Z. Hanif, J. Larisch, O. Omolola, T. Chung, D. Levin, B. Maggs, A. Mislove, B. Parno, and C. Wilson</i> Workshop on Foundations of Computer Security (FCS), 2020	
	Untangling Header Bidding Lore: Some myths, some truths, and some hope <i>W. Aqeel, D. Bhattacharjee, B. Chandrasekaran, P. Godfrey, G. Laughlin, B. Maggs, A. Singla</i> Passive and Active Measurement Conference (PAM) 2020 Best Dataset Award	
	Gearing up for the 21st Century Space Race <i>D. Bhattacharjee, W. Aqeel, I. Bozkurt, A. Aguirre, B. Chandrasekaran, P. Godfrey, G. Laughlin, B. Maggs, A. Singla</i> ACM HotNets 2018	
	Dissecting Latency in the Internet's Fiber Infrastructure <i>I. Bozkurt, W. Aqeel, D. Bhattacharjee, B. Chandrasekaran, P. Godfrey, G. Laughlin, B. Maggs, A. Singla</i> Pre-submission draft on arXiv	
	cISP: A Speed-of-Light Internet Service Provider <i>D. Bhattacharjee, S. Jyothi, I. Bozkurt, M. Tirmazji, W. Aqeel, A. Aguirre, B. Chandrasekaran, P. Godfrey, G. Laughlin, B. Maggs, A. Singla</i> Pre-submission draft on arXiv	
	Benchmarking Expert Surgeons' Path for Evaluating a Trainee Surgeon's Performance <i>M. A. Ahmad, S. B. Mansoor, Z. A. Khan, W. Aqeel, and S. H. Kabir</i> ACM SIGGRAPH Virtual-Reality Continuum and Its Applications in Industry (VRCAI), 2013	

Work Experience	Max Planck Institute for Informatics (MPI), Saarbrücken, Germany	05/2019 – 08/2019
	Research Intern	
	<ul style="list-style-type: none"> • Worked on privacy in DNS client-side resolution • Explored structural differences between landing and internal pages of websites and how that affects prior web performance studies 	
	Akamai Technologies, New York City	05/2018 – 08/2018
	Intern, Performance Engineer	
	<ul style="list-style-type: none"> • Derived methods for inversion of the footprint descriptor calculus 	
	Arbisoft, Lahore, Pakistan	09/2015 – 07-2017
	Software Engineer	
	<ul style="list-style-type: none"> • Full-stack web development on Python Django & Backbone.js • Designed modules for XML & JSON processing and generation • Automated customer engagement and service through Natural Language Processing on text messages 	
	Laboratory of Communications, Networks & Multimedia, NUST	06/2013 – 09/2013
	Summer Undergraduate Researcher	
	<ul style="list-style-type: none"> • Added analytics features to BISmark network dashboard • Deployed BISmark public server at NUST 	
	Smart Machines & Robotics Technology Lab, NUST	12/2012 – 05/2013
	Undergraduate Researcher	
	<ul style="list-style-type: none"> • Engineered machine learning and evaluation components of Tele-Surgical Robotic Simulation (TSRS) • Organized evaluation experiment for TSRS 	
Teaching Experience	Duke University	
	<ul style="list-style-type: none"> • Teaching Assistant, CPS 310 Operating Systems • Teaching Assistant, CPS 310 Operating Systems 	08/2018 – 12/2018 01/2018 – 06/2018
	Private tutoring	
	<ul style="list-style-type: none"> • CPS 101 Introduction to Computer Science • CPS 260 Introduction to Computational Genomics • CPS 330 Design and Analysis of Algorithms 	
Service	USENIX OSDI	2020
	Artifact Evaluation Committee member	
Awards & Honors	<ul style="list-style-type: none"> • Passive and Active Measurements Conference, Best Dataset Award 	2020
	<ul style="list-style-type: none"> • Google Cloud Research Credits 	2020
	<ul style="list-style-type: none"> • Duke University Graduate School Fellowship 	2017 – 2019
	<ul style="list-style-type: none"> • SEECS-NUST Alumni Association Scholarship 	2013 – 2014
	<ul style="list-style-type: none"> • Six merit-based scholarships from NUST 	2010 – 2014
	<ul style="list-style-type: none"> • NUST Entrance Test scholarship for securing rank 20 out of 20,000 students 	2010
	<ul style="list-style-type: none"> • Board of Secondary Education, Karachi, scholarship for securing rank 16 out of 118,000 students 	2008
Skills	Python, C, Rust, JavaScript, Prolog/Datalog, Linux, git	