

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 May 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
Work Experience	Max Planck Institute for Informatics (MPI), Saarbrücken, Germany Research Intern <ul style="list-style-type: none">• Explored the security and performance tradeoff in DNS in client-side resolution• Explored structural differences between landing and inner pages of websites and how that affects unstated assumptions in web performance studies	05/2019 – 08/2019
	Akamai Technologies, New York Intern, Performance Engineer <ul style="list-style-type: none">• Derived and compared methods for inversion of the footprint descriptor calculus	05/2018 – 08/2018
	Arbisoft, Lahore, Pakistan Software Engineer <ul style="list-style-type: none">• Full-stack web development on Python Django & Backbone.js for insurify.com• Designed extensible modules for XML & JSON processing and generation• Automated customer engagement and service through Natural Language Processing on text messages	09/2015 – 07-2017
	Laboratory of Communications, Networks & Multimedia, NUST Summer Undergraduate Researcher <ul style="list-style-type: none">• Added analytics features to BISmark network dashboard• Deployed BISmark public server at NUST	06/2013 – 09/2013
	Smart Machines & Robotics Technology Lab, NUST 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	12/2012 – 05/2013
	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	
Publications	Gearing up for the 21st Century Space Race <i>D. Bhattacharjee, W. Aqeel, I. Bozokurt, 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. Bozkurt, W. Aqeel, D. Bhattacharjee, B. Chandrasekaran, P. Godfrey, G. Laughlin, B. Maggs, A. Singla

Pre-submission draft on [arXiv](#)

cISP: A Speed-of-Light Internet Service Provider

D. Bhattacharjee, S. Jyothis, I. Bozkurt, M. Tirmazi, W. Aqeel, A. Aguirre, B. Chandrasekaran, P. Godfrey, G. Laughlin, B. Maggs, A. Singla

Pre-submission draft on [arXiv](#)

Teaching Experience

Duke University

Teaching Assistant, CPS 310 Operating Systems

01/2018 – 12/2018

Awards & Honors

- Passive and Active Measurements Conference, Best Dataset Award 2020
- Duke University Graduate School Fellowship 2017 – 2019
- Six merit-based scholarships from NUST 2010 – 2014
- NUST Entrance Test scholarship for securing rank 20 out of 21,000 students 2010
- Board of Secondary Education, Karachi, scholarship for securing rank 16 out of 118,000 students 2008
- SEEDS-NUST Alumni Association Scholarship 2013 – 2014
- Fazal Ur Raheem Trust for Healthcare, Education, and Relief Scholarship 2013 – 2014
- Best Project Award for 3D pool game 2011

Skills & Interests

Python, C, JavaScript, Linux, git
Travelling – Hiking – Camping