

# SHOAIB ASIF QAZI

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## ACADEMIC HISTORY

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### Lahore University of Management Sciences (LUMS)

Department of Computer Science, School of Science and Engineering (SSE)

BS in Computer Science

*August 2015 - 2019*

*Advisors:* Dr. Fareed Zaffar and Dr. Ashish Gehani

**CGPA:** 3.79/4

## RESEARCH INTERESTS

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I am interested in doing systems research and improving the performance of IO subsystem.

## WORK EXPERIENCE

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### Graduate Research Assistant - LUMS

*June 2019 - January 2021*

Working on two projects under supervision of Dr. Fareed Zaffar

### Research Assistant - LUMS

*February 2019 - May 2019*

Working on a project under supervision of Dr. Mobin Javed

### Teaching Assistant - LUMS

*Fall 2018*

Worked as a full-time teaching assistant for **Algorithms** course. Marked graded components such as quizzes, class activities and assignments. Checked assignments with rigorous test cases to ensure correct implementation of algorithms. Moreover, I held office hours to help students in solving assignments.

### Teaching Assistant - LUMS

*Fall 2017*

Worked as a half-time teaching assistant for **Introduction to programming** course. Invigilated 13 lab sessions over the semester to assist students in completing programming tasks assigned. Moreover, I held office hours to help students in solving assignments.

## RESEARCH PROJECTS

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### Tool comparison. SRI International - LUMS collaboration (July 2019- January 2021)

This project is about evaluating debloating capabilities of OCCAM, Piecewise, Clang and Trimmer.

### Regionalism. International Computer Science Institute-LUMS collaboration (Feb 2018 June 2019)

This project is about exploring how different users across the globe experience better or degraded internet services based on their geographical location.

### Filesystem aging

I worked on optimizing Filesystem aging technique suggested in Geatrix paper

## RESEARCH PAPERS

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### **Trimmer: An Automated System For Configuration-Based Software Debloating**

Aatira Ahmad(LUMS) Rafae Noor (UIUC) Hashim Sharif (UIUC) Usama Hameed (UCLA) **Shoaib Asif Qazi (LUMS)** Mubashir Anwar (UIUC) Ashish Gehani (SRI) Fareed Zaffar (LUMS) Junaid Siddiqui (LUMS)

Paper accepted in the Journal **Transactions on Software Engineering (TSE)**

### **A Bestiary of Blocking. The Motivations and Modes behind Website Unavailability**

Michael Carl Tschantz (ICSI) Sadia Afroz (ICSI, UC Berkeley) Shaarif Sajid (LUMS) **Shoaib Asif Qazi (LUMS)** Mobin Javed (LUMS) Vern Paxson (UC Berkeley, ICSI)

Paper accepted in a Workshop on **Free and Open Communications on the Internet**

## ARXIV PREPRINT

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### **Exploring Server-side Blocking of Regions**

Sadia Afroz (ICSI, UC Berkeley) Michael Carl Tschantz (ICSI) Shaarif Sajid (LUMS) **Shoaib Asif Qazi (LUMS)** Mobin Javed (LUMS) Vern Paxson (UC Berkeley, ICSI)

## POSTERS

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### **Towards building a Support System for User Security Awareness**

Faqia Iqbal (LUMS), Saad Jamal (LUMS), Shaarif Sajid (LUMS) **Shoaib Asif Qazi (LUMS)** Mobin Javed (LUMS)

Poster accepted in **Usenix security 18**

## RELEVANT COURSES

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### **Core Courses**

Network-Centric Computing  
Fundamentals of Computer Systems  
Operating Systems

### **Electives**

Internet measurements

## HONORS AND AWARDS

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### **Dean's Honor List - LUMS**

Maintained an annual GPA greater than 3.59.

*2016*

### **Dean's Honor List - LUMS**

Maintained an annual GPA greater than 3.59.

*2017*

### **Dean's Honor List - LUMS**

Maintained an annual GPA greater than 3.59.

*2018*

### **Dean's Honor List - LUMS**

Maintained an annual GPA greater than 3.59.

*2019*