

Phone: +1 (919) 501-1591, GitHub: <https://github.com/aafaq52>, Website: aafaqsabir.org

Email: asabir2@ncsu.edu, Location: Raleigh, North Carolina, USA

EDUCATION

North Carolina State University (NCSU)

- PhD Computer Science (CGPA 3.86)
August 2021 – Present (Expected graduation: 2026)

Lahore University of Management

Sciences (LUMS)

- BS Computer Science (CGPA 3.57, SCGPA 3.82)
Aug 2016 – May 2020

PROFESSIONAL EXPERIENCE

North Carolina State University (NCSU)

- Graduate Research Assistant
(August 2021 – Present)

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- Technical Content Engineer
(August 2020 – September 2021)

Lahore University of Management

Sciences (LUMS)

- Teaching Assistant
CS 100 (2018), CS 200 (2019), CS 100 (2020)

COMMUNITY SERVICE

LUMS National Outreach Program¹

- Instructor, Computer Science Course
(2017, 2018, 2019)

Harsukh School Lahore (for underprivileged children)

- Instructor, Natural Sciences (2019)

EXTRA-CURRICULAR ACCOMPLISHMENTS

2019 - Vice President IEEE Computer Society, LUMS

2018 – Director IT Department IEEE LUMS

2018 – Event Head CodinGuru (IEEE LUMS Computer Society's Coding Competition)

SKILLS

- C++ • C • Python • JavaScript • Haskell
- Golang • Java • AWS • GCP • Android Dev
- MEVN Stack • Git • P2P Networks • SQL
- Socket Programming • Functional Programming
- Web Scraping • Selenium • Bs4 • Web Dev
- Chrome Browser Extension Dev

PUBLICATIONS

- Hey Alexa Who am I talking to?: Analyzing User's Perception and Awareness regarding Third-party Alexa Skills. *In CHI Conference on Human Factors in Computer Systems (CHI) 2022, April 29-May5, 2022, New Orleans, LA, USA. ACM New York, NY, USA, 15 pages. Aafaq Sabir, Evan Lafontaine, and Anupam Das.*
- Analyzing the Impact and Accuracy of Facebook Activity on Facebook Ad-Interest Inference Process. *Proceedings of the 25th ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW), 2022. Aafaq Sabir, Evan Lafontaine, and Anupam Das.*
- Understanding people's attitude and concerns towards adopting IoT devices. *In Proceedings of the 39th ACM Conference on Human Factors in Computing Systems (CHI), pages 1–10, 2021. Evan Lafontaine, Aafaq Sabir, and Anupam Das.*
- Understanding the Privacy Implications of Adblock Plus's Acceptable Ads. Ahsan Zafar, **Aafaq Sabir**, Dilawer Ahmed, and Anupam Das. *ACM ASIA Conference on Computer and Communications Security (ASIACCS), 2021*

RESEARCH INTERESTS

- Privacy and security of emerging IoT ecosystem
- Evolution of ads on voice interfaces
- Online targeted advertisement and user profiling
- Privacy implications of inaccurate user perception regarding smart home assistants third-party voice apps

COURSES

Grad: Computer and Network Security, Intro to Cryptography, Internet Protocols

Undergrad: Network Centric Computing, Network Security, Privacy in Digital Age, Software Engineering, Natural language Processing, Data Mining, Internet Measurements, Advance Programming, Intelligent Computing, Probability and Statistics, Operating systems, Algorithms, Discrete Mathematics

SWE PROJECTS AND RELATED SKILLS

- CheckMate

Built an online platform to conduct a coding competition. The web app runs the submitted code (C++) and evaluate the results based on the provided test cases and updates the leaderboard.

Technologies used: React.js, Node.js, MongoDB

- QAnon

Built an online anonymous question answering platform.

Technologies used: Vue.js, Node.js, MongoDB

¹ <https://nop.lums.edu.pk>