

Internet Measurements, Auditing Systems, Machine Learning, Data Analysis, Natural Language Processing

Education

- 2021–present **Ph.D. in Computer Science**
Advisor: Dr. Rishab Nithyanand, University of Iowa
- 2017–2021 **B.S. in Computer Science**
Lahore University of Management Science (LUMS), Pakistan

Professional Experience

- 2021–present **Research Assistant**
SPARTA at University of Iowa
- 2020–2021 **Research Assistant**
ISPL at LUMS
- 2019–2021 **Teaching Assistant**
LUMS

Research

- 2022–present **Quantitative Analysis of Volunteer and Paid Moderation**
An intervention study to check if paid moderation improves the quality of different communities, by comparing the work quality of volunteer and paid moderators on reddit.
- Submitted 2022 **Auditing The Auditors**
How Audit Methodologies Impact Our Understanding of YouTube's Recommendation Systems
Sarmad Chandio, Daniyal Dar, Rishab Nithyanand
- 2022 **Literature Review: Importance of Volunteer Content Moderation**
Highlighted the importance of volunteer moderators on reddit communities and their monetary value for the platform.
- 2020–2021 **COPPA Compliance In Children Android Apps**
Checked children apps' compliance with COPPA and GDPR through analyzing in-app advertisements and network analysis.
- 2020 **Ad-Fraud Detection**
Built a predictive model to classify the fraudulent and benign links in youtube video descriptions.

Skills

Languages & Tools **Python, C++, Java, JavaScript, HTML, MySQL, Selenium, Burp Suite**

Achievements & Highlights

- 2022–present Member of Algorithms and Cultures journal
- 2021–present Member of Privacy, Anonymity and Security journal
- 2022 Attended Symposium on Security and Privacy 2022
- 2021 Member of Text Retrieval and Text Mining journal
- 2021 **Dean's Honor List**, Lahore University of Management Sciences