

Muhammad Muzammil

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EDUCATION

Stony Brook University

Ph.D. in Computer Science (focus in cybersecurity), CGPA: 3.9/4.0

Aug 2022—Present

Expected Graduation: Early 2027

Lahore University of Management Sciences

Bsc. in Computer Science (focus in computer networking & cybersecurity)

Aug 2018—May 2022

WORK EXPERIENCE

Stony Brook University [PragSec Lab]

Research Assistant

Aug 2022—Present

Stony Brook, NY

- Identified **300,000** malicious blockchain domain names that could cause users to lose large amounts of funds [Paper # 1., 2.]
- Conducting **large-scale data analysis** to report relevant insights in top conference venues

Infoblox

Data Science/Web Security Intern

June 2024—August 2024

Tacoma, WA

- Initiated, designed, and implemented a scalable system to automatically detect over **5,000** malicious expired-then-reregistered domains **daily**

Lahore University of Management Sciences

Research Assistant

Aug 2020—May 2022

Lahore, Pakistan

- Developed an extensible benchmarking tool to evaluate state-of-the-art software debloating tools [Paper # 3.]

RESEARCH PAPERS

- Panning for gold.eth: Understanding and Analyzing ENS Domain Dropcatching.**
ACM Internet Measurement Conference 2024 (IMC 2024). [PDF]
- Typosquatting 3.0: Characterizing Typosquatting in Blockchain Naming Systems.**
Symposium on Electronic Crime Research (eCrime 2024). [Research Gate] **(Bronze Medal)**
- SoK: A Tale of Reduction, Security, and Correctness-Evaluating Program Debloating Paradigms and Their Compositions.**
29th European Symposium on Research in Computer Security (ESORICS 2023). [PDF]

ACADEMIC SERVICE

- ACM The Web Conference (WWW) 2025:** Program Committee Member
- ACM Computer and Communications Security (CCS) 2023:** Artifact Evaluation Committee

SKILLS & RELEVANT COURSES

- Programming Languages & Tools:** Python (Expert), C/C++, Ollama, Javascript, MySQL, Pub/sub systems, Docker, LaTeX, BERT, HTML, CSS, Git/Github
- Relevant Courses:** Data Science, Advanced Programming, Computer Networks, Research in Computer Networks, Network Security, System Security, Operating Systems, Algorithms & Data Structures, Databases

AWARDS AND HONORS

Bronze Medal

2024 Symposium on Electronic Crime Research (eCrime). Boston, MA, USA

2024

For Paper# 2.

Conference Travel Grant

ACM Internet Measurement Conference (IMC). Montreal, Canada.

2023

Fund for conference attendance

Chairman Fellowship Award

Stony Brook University

2022 & 2023

Awarded to the top PhD applicants

Dean's Honor List

Lahore University of Management Sciences

2020

Awarded for academic excellence