

Mutahar Ali

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EDUCATION

University of California, Irvine (UCI)

Ph.D. Computer Science

Irvine, CA, USA

Sept. 2024 – Present

- Advised by Prof. Habiba Farrukh
- Research Area: Security and Privacy of Emerging Computing Technologies

Lahore University of Management Sciences (LUMS)

BS Computer Science

Lahore, Pakistan

Aug. 2019 – June 2023

- Graduated with Distinction
- Placed on Dean's Honor List (2019-2022)

RESEARCH EXPERIENCE

Graduate Student Researcher

Security and Privacy of Emerging Computing Technologies (SPECT) Lab, UCI

Sept. 2023 – Present

Full-time Research Associate

Internet and Data Systems Lab (IDSL), LUMS

Jul. 2023 – Aug. 2024

Undergraduate Research Assistant

Networks and Systems Group (NSG), LUMS

Jun. 2021 – May 2023

PUBLICATIONS

Warping the Edge: Where Instant Mobility in 5G Meets Stateful Applications

arxiv

Mukhtiar Ahmad, Faaq Bilal, Mutahar Ali, Muhammad Ali Nawazish, Amir Salman, Shazer Ali, Fawad Ahmad, Zafar Ayyub Qazi

TEACHING EXPERIENCE

Undergraduate Teaching Assistant

Lahore University of Management Sciences (LUMS)

2022 – 2023

Lahore, Pakistan

- CS-382: Network-Centric Computing (Spring 2022, Spring 2023)

TECHNICAL SKILLS

Languages:

C, C++, Python, Javascript, Go, Haskell

ML/Data Science:

PyTorch, Keras, Tensorflow, Transformers, Pinecone, Milvus, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, OpenCV, PyTesseract

Web Development:

HTML, CSS, Next.js, Node.js, React.js, FastAPI, Streamlit, PostgreSQL, MongoDB

DevOps:

Docker, LXC, AWS

Miscellaneous:

Git, Bash, adb, Wireshark, Postman, Selenium, Jupyter, LaTeX, CRIU, PyGrid, PySyft, KotlinSyft, PyCrypto, Stata