

# Mutahar Ali

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## EDUCATION

### University of California, Irvine (UCI)

*Ph.D. Computer Science*

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

Irvine, CA, USA

*Sept. 2024 – Present*

### Lahore University of Management Sciences (LUMS)

*BS Computer Science*

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

Lahore, Pakistan

*Aug. 2019 – June 2023*

## 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

### Understanding Users' S&P Attitudes Towards Conversational AI Platforms

Mutahar Ali, Arjun Arunasalam, Habiba Farrukh

IEEE S&P '25

*(To appear)*

## PRE-PRINTS

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

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

arxiv

## TEACHING EXPERIENCE

### Graduate Teaching Assistant

*University of California, Irvine (UCI)*

- CS-190: Security & Privacy (Spring 2025)

March 2025 - June 2025

*Irvine, CA*

### Undergraduate Teaching Assistant

*Lahore University of Management Sciences (LUMS)*

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

Jan 2022 – May 2023

*Lahore, Pakistan*

## 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