# Zain Sarwar

🌐 zainsarwar865.github.io | ✉ zsarwar@uchicago.edu
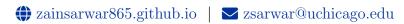
## EDUCATION

**University of Chicago**                                              2021 - Present
*PhD in CS*
Advised by Heather Zheng & Ben Y. Zhao
CGPA 3.88/4.0

**Lahore University of Management Sciences**                          2016 - 2020
*Bsc Economics* : CGPA 3.79/4.0

## PUBLICATIONS

**Towards a General Video-based Keystroke Inference Attack**
Zhuolin Yang, Yuxin Chen, **Zain Sarwar**, Hadleigh Schwartz, Ben Y. Zhao, Haitao Zheng
Proceedings of USENIX Security Symposium
Anaheim CA, August 2023.

**Deepfake Text Detection: Limitations and Opportunities**
Jiameng Pu, **Zain Sarwar**, Sifat Muhammad Abdullah, Abdullah Rehman, Yoonjin Kim, Parantapa
Bhattacharya, Mobin Javed, and Bimal Viswanath
IEEE S&P (Oakland) 2023

## WORK EXPERIENCE

**Graduate Research Assistant**                                        Sep 2021 - present
*SAND Lab, University of Chicago*
Research in developing robust neural architectures for NLP

**Graduate Teaching Assistant**                                       Jan 2022 - March 2022
*Mobile Computing*
Designed & graded assignments, provided feedback and hosted office hours for 30+
undegraduate students

## AWARDS & HONORS

Crerar Fellowship
Dean's Honor Roll from 2017-2020
Academic Scholarship in A-levels

## TECHNICAL SKILLS

| | |
|---|---|
| Languages | Python, Java, C++, JavaScript, Matlab |
| Libraries | PyTorch, TensorFlow, OpenCV, scikit-learn, pandas, NumPy |
| Tools & Frameworks | Git, Docker, Node.js, Vue |