

Liantong Yu

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My main research interests include data privacy and security, with a focus on Local Differential Privacy.

Education

The Hong Kong Polytechnic University

PhD in Electrical and Electronic Engineering

Advisor: Qingqing Ye

Jan 2024-

The Hong Kong Polytechnic University

Research Assistant in Electrical and Electronic Engineering

Advisor: Qingqing Ye

Aug 2023-Dec 2023

Nanjing University of Aeronautics and Astronautics

BS in Automation Engineering

Sep 2019-July 2023

Publication

Conference Papers

1. **PrivRM: A Framework for Range Mean Estimation under Local Differential Privacy (SIGMOD'25)**

Liantong Yu, Qingqing Ye, Rong Du.

2. **From Randomized Response to Randomized Index: Answering Subset Counting Queries with Local Differential Privacy (SP'25)**

Qingqing Ye, Liantong Yu, Kai Huang, Xiaokui Xiao, Weiran Liu, Haibo Hu.

3. **Dual Utilization of Perturbation for Stream Data Publication under Local Differential Privacy (ICDE'25)**

Rong Du, Qingqing Ye, Yaxin Xiao, Liantong Yu, Yue Fu, Haibo Hu.

Patents

An Airplane Rudder Surface Limit Loop Oscillation Suppression Method Based on Real-time Backlash Compensation (Patent NO: CN202311613109.8)

2024

Academic Competitions

Mathematical Contest in Modeling (MCM)- Honourable Mention

2022

The 16th Electronic Circuit Design Competition of Aviation Jindian Cup- The Second Prize

2021

China Undergraduate Mathematical Contest in Modelling (CUMCM)- The Third Prize

2021

Honours & Awards

The Second Prize in Academic Scholarship, NUAA

2022

The Third Prize for Outstanding Student Scholarship, NUAA

2021

The First Prize in Academic Scholarship, NUAA

2021

The Merit Student Award, NUAA

2020

The Third Prize for Outstanding Student Scholarship, NUA	2020
The Second Prize in Academic Scholarship, NUA	2020

Teaching Services

EIE3130: Network Security, Teaching Assistant	2024
EIE3320: Object-oriented Design and Programming, Teaching Assistant	2024
EIE3117: Network Security, Teaching Assistant	2024
EIE4106: Network Management and Security, Teaching Assistant	2025