Tianyu Zuo

✉ zuotianyu@virginia.edu 🎓 Google Scholar 🌐 https://netian.me | *Updated: August 24, 2025*

Education

University of Virginia   Charlottesville, VA
Ph.D. Student in Computer Science   *Aug. 2025 - Now*

Institute of Computing Technology, CAS   Beijing, China
M.E. in Electronic and Information   *Sept. 2022 - Jul. 2025*

Tsinghua University   Beijing, China
B.E. in Automation   *Aug. 2017 - Jun. 2022*

Experience

SenseTime Technology   Beijing, China
Software Development Engineer Intern in Mobile Intelligence Group (MIG)   *Jul. 2021 - Sept. 2021*

Publication

- Chungang Lin, Weiyao Zhang, **Tianyu Zuo**, Chao Zha, Yilong Jiang, Ruiqi Meng, Haitong Luo, Xuying Meng, Yujun Zhang. Convolutions are Competitive with Transformers for Encrypted Traffic Classification with Pre-training. *Preprint - arXiv*, 2025.

- Wen Wang, Shuyong Zhu, **Tianyu Zuo**, Zhiyuan Wu, Yujun Zhang. NET-SM4: A High-performance Secure Encryption Mechanism Based on In-Network Computing. *IEEE/ACM IWQoS*, 2025.

- Chungang Lin, Yilong Jiang, Weiyao Zhang, Xuying Meng, **Tianyu Zuo**, Yujun Zhang. TraGe: A Generic Packet Representation for Traffic Classification Based on Header-Payload Differences. *IEEE/ACM IWQoS*, 2025.

- **Tianyu Zuo**, Tao Sun, Shuyong Zhu, Wenxiao Li, Lu Lu, Zongpeng Du, Yujun Zhang. LoWAR: Enhancing RDMA over Lossy WANs with Transparent Error Correction. *IEEE/ACM IWQoS*, 2024.

Service

SIGCOMM Artifact Evaluation Committee: 2025

Award

Merit Student: University of Chinese Academy of Sciences. 2024.
Academic Scholarship First Prize: University of Chinese Academy of Sciences. 2023, 2024.
Academic Progress Award: Tsinghua University. 2018, 2020.

Skill

Programming Language: C/C++, Python, Verilog, Vitis HLS, Go
Tool and Software: Bash, Git, LaTeX, Matplotlib, MATLAB, NS-3, Vivado