

Jinshu LIU

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Education

Virginia Tech <i>PhD in Computer Science</i>	2022 – present <i>Blacksburg, VA</i>
University of Rochester <i>Master of Science in Computer Science, GPA: 3.93/4</i>	2021 – 2022 <i>Rochester, NY</i>
Xi'an Jiaotong University <i>Bachelor of Engineering in Energy and Power Engineering, GPA: 88.6/100</i>	2014 – 2019 <i>Xi'an, Shaanxi, China</i>

Publications

- C2 **tsupy: Dynamic Climate Network Analysis Library.** Jinshu Liu, Yunlong Xu, Fatemeh Nargesian, Gourab Ghoshal. Proceedings of ACM CIKM, Demo Track, Atlanta GA, October 2022.
- C1 **TSUBASA: Climate Network Construction on Historical and Real-Time Data.** Yunlong Xu=, Jinshu Liu=, Fatemeh Nargesian. Proceedings of ACM SIGMOD, Philadelphia PA, June 2022.
- J1 **Multistage auto-ignition of undiluted methane/air mixtures under engine-relevant condition.** Yingjia Zhang, Wuchuan Sun, Wenlin Huang, Xiaokang Qin, Jinshu Liu, Benshi Dong, Yongkai Quan, Zuohua Huang. Journal of Chemical Research and Application, 2019.

Research

CXL-DRAM (Remote Memory) Performance Analysis and Modeling
Software Optimization on CXL-DRAM (Remote Memory)
CXL Emulation

Teaching

Teaching Assistant | CS3214 Computer Systems | Virginia Tech 2022

Working

Memory System Research Intern | Samsung 2024
Software Developer Intern | ANSYS 2019

Awards

IEEE Micro Top Picks 2024 Honorable Mention
Grad: Pratt Graduate Fellowship
Undergrad: Peng Kang Scholarship, Geely Auto 1st Class Scholarship
Travel Awards: CIKM, FAST ...

Skills

- **Programming Languages:** C, Java, Golang, C++, C#, Python, OCaml, Ruby, JavaScript, Fortran, Matlab, Scheme