

Yanning Chen

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Education

Ph.D. Student, Computer Science. University of Toronto, Toronto, Canada.	Sep 2024 – Now Advisor: Ningning Xie, Fan Long
B. Eng, Computer Science and Technology. Shanghai Jiao Tong University, Shanghai, China.	Sep 2019 – Jun 2024

Positions

Research Intern. University of Santa Barbara, Santa Barbara, CA.	Sep 2023 – Jan 2024 Advisor: Yu Feng
Student Researcher. Shanghai Jiao Tong University, Shanghai, China.	Apr 2020 – Jun 2024 Advisor: Qinxiang Cao
Software Engineer Intern. Linux Foundation, Remote.	Sep 2020 – Dec 2020 Mentor: PingCAP

Publications

Matthew Toohey, Yanning Chen , Ara Jamalzadeh, Ningning Xie. Extensible Data Types with Ad-Hoc Polymorphism . <i>53rd Symposium on Principles of Programming Languages</i>	
Junrui Liu, Jiaxin Song, Yanning Chen , Hanzhi Liu, Hongbo Wen, Luke Pearson, Yanju Chen, Yu Feng. Tabby: A Synthesis-Aided Compiler for High-Performance Zero-Knowledge Proof Circuits . <i>Object-oriented Programming, Systems, Languages, and Applications 2025</i>	
Junrui Liu, Jiaxin Song, Yanning Chen , Hanzhi Liu, Hongbo Wen, Yanju Chen, Yu Feng. Tessel: An Optimizing Compiler for Efficient Zero-Knowledge Circuits . <i>The Science of Blockchain Conference 2025</i>	

Teaching

Teaching Assistant. CSC2126: Topics in Programming Languages.	Fall 2025
Teaching Assistant. CSC324: Principles of Programming Languages.	Fall 2025
Teaching Assistant. CSC2125H: Blockchain Technology and Engineering.	Winter 2025
Teaching Assistant. CSC324: Principles of Programming Languages.	Fall 2024

Service

- **Subreviewer:** ICFP 2025