

# Yueyang Feng

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## Education

- National University of Singapore**, Computer Science, PhD Aug 2025 – Present
- Research direction: Programming Language, Program Verification
  - Mentor: Ilya Sergey
- Shanghai Jiao Tong University**, Computer Science, Bachelor Sept 2021 – June 2025
- Enrolled in the Zhiyuan Honors Program ACM Class, designed for the top 5% of talented students at SJTU
  - GPA: 90.80/100
  - Outstanding Graduate of Shanghai Jiao Tong University

## Research Internship

- Yale University, Research Intern (Advisor: Prof. Zhong Shao)** July 2024 – Dec 2024
- Contributed to developing program logic for proving linearizability using a compositional theory.
  - Attempted to integrate client policy into program logic and evaluate its compatibility with existing compositional theory, aiming to avoid UB reasoning and improve usability.
  - Explored the theoretical connection between Linearizable Hoare Logic and CCAL.
- Shanghai Jiao Tong University, Research Intern (Advisor: Prof. Qinxiong Cao)** July 2023 - July 2025
- One of the main contributors to QEP, a more powerful and efficient tool for proving C code, which has been used for operating system verification.
  - A key contributor to VEP, a project that introduces a new approach for achieving full programmability code within eBPF programs, serving as an alternative to existing eBPF tools.

## Publications

- VEP: A Two-stage Verification Toolchain for Full eBPF Programmability**  
Xiwei Wu, **Yueyang Feng**<sup>\*</sup>, Tianyi Huang<sup>\*</sup>, Xiaoyang Lu<sup>\*</sup>, Shengkai Lin, Lihan Xie, Qinxiong Cao<sup>†</sup>, Shizhen Zhao<sup>†</sup>  
Accepted by NSDI '25 (22nd USENIX Symposium on Networked Systems Design and Implementation), to appear

## Honors and Awards

- The 2022 ICPC Asia Kunming Regional Contest, **Gold Medal** April 2022
- ICPC refers to The International Collegiate Programming Contest
- The 2021 ICPC Asia Shenyang Regional Contest, **Gold Medal**, Ranked **7th** among 576 teams Nov 2021
- China Undergraduate Mathematical Contest in Modeling, **National First Prize(Top 0.6%)** Nov 2022
- 2021 China Collegiate Programming Contest, Guilin Site, **Gold Medal** Oct 2021
- Recipient of Han Ying Ju Hua Scholarship Nov 2022
- 15 students awarded annually at ZhiYuan College for academic excellence
- 2023 The Mathematical Contest in Modeling (MCM), Meritorious Winner(Top 7%) May 2023

## Work Experience

- Student Coach of the ICPC Competition Team at Shanghai Jiao Tong University Sept 2023 – June 2024
- Teaching Assistant for Data Structures Course March 2023 – June 2023
- Teaching Assistant for Program Design Course Sept 2022 – Feb 2023