Shiqi Liu

bovmelo@gmail.com Shanghai / Chengdu, China



Undergraduate at Tongji University, the university's first ICPC World Finalist, and top student advocate at JetBrains. Mainly interested in security, as well as systems and AI agents.

Education

Tongji University, Shanghai, China — Sep. 2024 – Present

B.Eng. in *Information Security*, School of Computer Science and Technology — Sep. 2025 – Present

Transferred from the Top-Notch Program in *Mechanics* — Sep. 2024 – Sep. 2025

Core Coursework: Calculus, Advanced Algebra and Analytic Geometry, Probability and Statistics, Mathematical Foundations of Information Security, Design and Analysis of Algorithms

Awards and Honors

ICPC, Chengdu Regional — Gold Medal (Rank 2/319), **World Finals Qualifier** — 2026

China Collegiate Programming Contest (CCPC), Leshan Regional — Gold Medal (Rank 8/300) — 2026

CCPC, Changchun Regional — Gold Medal (Rank 8/301) — 2026

Shanghai Collegiate Programming Contest — Gold Medal (Rank 5/144) — 2026

CCPC, Chongqing Regional — Gold Medal (Rank 11/260) — 2025

ICPC, Shenyang Regional — Gold Medal (Rank 10/400) — 2025

ICPC, Wuhan Regional — Gold Medal (Rank 20/446) — 2025

CCPC, National Invitational Contest (Zhengzhou) — Champion (Gold Medal, Rank 1/433) — 2025

Experience

Shanghai Xingyun Zhili AI Research Institute | *AI Infrastructure Intern* — Apr. 2026 – Sep. 2026

- Designed and built production-grade environments for evaluating agents on ICPC-style competitive programming and security tasks, as part of reinforcement-learning infrastructure for large language models
- Developed agent harnesses for solving algorithmic problems, improving the performance of multiple LLMs under fixed environment settings

JetBrains (Shanghai) | *Student Expert* — Oct. 2025 – Present

- Initiated a collaboration between JetBrains and the *Game Design and Development* course at Tongji's College of Design and Innovation; teach a few introductory CS sessions for design students
- Host multiple tech talks for student developers and contest programmers at Tongji University, NYU Shanghai, the CCPC Xiamen Regional, and other venues
- Present on agent harnesses, competitive programming, developer tools, and AI infrastructure at internal JetBrains training sessions

CPCLab, Tongji University Algorithm Association | *Head* — Sep. 2024 – Present

- Lead contest problem setting, technical operations, and association management
- Established rules for AI tool use in club training and internal contests

Skills

- **Programming:** proficient in C++, algorithms, Linux/macOS development, and AI environment setup
- **Side Projects:** build and maintain several self-hosted network services; develop apps for Apple platforms as an Apple Developer Program member
- **AI:** AI-assisted development workflows; LLM agent harnesses and evaluation environments
- **Languages:** Chinese (native); English (TOEFL 99, CET-6)