Ye YaoYang

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🎓 Education

Xiamen No.1 Middle School Of Fujian, Xiamen, Fujian, China   2018 – 2021 (Graduated)

Chinese name of the high school: 福建省厦门第一中学

Zhejiang University (ZJU), Hangzhou, Zhejiang, China   2021 – Present

Undergraduate student, majoring in Computer Science and Technology (CS)
Expected to graduate in June 2025.

👥 Experience

Shanghai Luogu Network Technology Co., Ltd Shanghai, China   2021 – 2022

Internship   Backend Development / DevOps / Teaching

A website providing related services of code online judging for students engaged in Olympiad in Informatics.
Currently(–2023.8) active users > 100K
URL: https://www.luogu.com.cn/

- Online judger security & performance optimization
- Instructed certain algorithm online courses (main speaker / teacher assistant)
- Anti-cheat system optimization & community order maintenance

Reputation System (Game Framework)   2022 – 2023

Python, Vue.js   Backend / Frontend (team)

Entrusted by Dongbei University of Finance and Economics(DUFE).

An easy-to-deploy framework designed for game theory experiments, which is part of a psychoeconomic research lead by DUFE.

- Python framework: oTree
- Using livepage to achieve a more consistent user experience

CubicYYY/LC3-Ex   2022 – Present

JavaScript, HTML   Individual Project

A webpage transpiler/assembler to add more utilities(i.e. extended instructions) to LC3 assembly.
LC3 ISA is used for education purposes, first introduced in *Introduction to Computing Systems: From Bits & Gates to C/C++ & Beyond* by Yale N. Patt from The University of Texas at Austin.

⚙ Skills

- >15K lines: C++
- >10K lines: Python
- 5K-10K lines: Rust > JavaScript(Native, Node.js) > PHP > HTML > MATLAB > Java
- Others: Shell, SQL, Vue.js, Redis

♡ Honors and Awards

2nd Prize, CODEGATE CTF 2023, Seoul, Korea (team AAA)   Aug. 2023

1st Prize, 5space 2022 Quals (team AAA)   Sept. 2022

1st Prize(Mainland China), *9th Prize(Global)*, TCTF RisingStar 2022 Quals (team AAA)   Sept. 2022

2nd Prize, TQLCTF 2022 Quals (team AAA)   Feb. 2022

3rd Prize, ByteCTF 2021 (team AAA)   Dec. 2021

ℹ Miscellaneous

Blog http://cubicy.icu

GitHub https://github.com/CubicYYY

Languages English - Fluent, Japanese - Working knowledge, Mandarin - Native speaker

Team ZJU CTF team AAA, web/misc; ZJU XLab, frontend/DevOps

Other Provide challenges for ACTF2022, highly praised by CTF team at the University of British Columbia: http://web.archive.org/web/20221207041911/https://maplebacon.org/2022/06/actf-ffsk/