

Rong Bao

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🏠 Education

Hangzhou Dianzi University, China

2023/09 –

Computer Science, Zhuoyue Honors School

💡 Skills

Computer systems

Experienced with x86 ISA and assembly-level development, familiar with RISC-style ISAs, and has hands-on experience with RISC-V and LoongArch micro-architectural implementations.

- “One Student, One Chip” Program[↗], Cohort 6, Group B. Student ID: 23060288. (log[↗], repo[↗]) 2024 – 2025
- NSCSCC 2025[↗] CPU Designing Contest “Loongson Cup” **Team Third Prize** 2025/08

Infosec

Skilled in reverse engineering, binary vulnerability analysis, and embedded systems security. Have experience with software development and analysis on multiple architectures, including x86-64, AArch64, LA64 and RV64.

- D³CTF 2024[↗] **RE Challenges Writer** 2024/04
- 17th National Collegiate Infosec Competition[↗] · **Team Third Prize** 2024/07
- Google Cloud FLARE-On 11[↗] Reverse Engineering Challenge **Finisher #168** 2024/09
- 6th Zhejiang Provincial Collegiate Infosec Competition[↗] · **Team First Prize** 2024/11
- 7th Zhejiang Provincial Collegiate Infosec Competition[↗] · **Team First Prize** 2025/11
- CVE-2025-14330[↗] **Reporter & Assignee**, CVE-2025-14324[↗] **Assignee** 2025/12

Development

- Polyglot developer with proficiency in C, Rust, TypeScript, and several other languages for application and low-level development.
- Experienced with the Git VCS and its ecosystem. Familiar with modern open-source collaboration workflows.

Misc.

- CET-6 Score: 667. **TOEFL iBT Score: 117.** 2024 – 2025
- Strong self-learning, research, and teamwork skills.

👉 OSS Contributions

Mozilla Firefox[↗] – C++, Python

- Participated in Open Source Promotion Plan 2025[↗] as a mentee. 2025/07 – 2025/10
- Resurrected the RV64 JIT backend with improvements to test pass rate and performance. 2025/07 –
- Granted Level 3 Commit Access[↗] as an active contributor. 2026/03
- Currently porting the Gecko Profiler to LA64 and RV64[↗]. 2026/03 –

Anthon Open Source Community[↗] – Shell Script

Maintained multiple Mozilla, VCS, and sysadmin packages and patches. 2025/09 –

surfer-project/surfer[↗] – Rust

Implemented and upstreamed the decoder of LoongArch64 ISA Volume 1 for Surfer, a FOSS waveform viewer. 2025/04 – 2025/05

CSharperMantle/binja_arch_catbert[↗] – Python, Assembly, Binary Ninja LLIL

Bytecode lifter for a custom stack machine (Catbert VM) written for Binary Ninja. 2024/11

GitHub Mars 2020 Contributor[↗]

2021/04