cuzperf's Resume

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🎓 Education

- 2015.9 ~ 2021.6 FDU, Noncommutative Algebra, doctorate in math but **quit**
- 2011.9 ~ 2015.7 ECUST, Math, Bachelor

💼 Work Experience

2021.07.07 ~ 2022.10.24 Agora.io

- log refactor: thread-safe, hierarchical loglevel early return, support scrite key and configuration delivery, enable Wformat, specification interface, refine details, refine spdlog, Complete internal documentation
- Use internal trace with **perfetto** to assist in problem analysis
- Find potential bugs with the help of some complie options of clang. Keep stability in owned to sanitizer like Asan, Lsan, Msan, Tsan, UBsan
- fix some bugs report by QA or Customers
- Support scrite key of big delay in special version
- help fix crash and ANR using log and dump
- support compile for windows arm64 (base on gn-ninja build system)

🏆 Honor Certificate

- 2014.11 ICPC Silver award (28th places) Guangzhou site
- 2014.10 ICPC Silver award (30th places) Xi'an site
- 2014.08 ICPC Invitational Gold Award Shanghai site

Open Source Contributions

- contribute to **oi-wiki** and **Cxx_HOPL4_zh**
- contribute to **resume-docs** and **hexo-theme-resume**
- adapt codeforces new format and language for **cf-tool**
- report **issue about constexpr** to gcc, but closed with unsolved
- write small **cpplib** at competition level, and **document**
- **PR** to **spdlog** but refused

👤 Self-Evaluation

- familiar to C99/C++17, focus on code quality(in owned to modern complier)
- find timeconsuming part using perf/perfetto, WPR/WPA, instruction/speedscope and trace. Write easy-to-read and easy-to-compiler-optimized code
- Know every little about Python(used for gn-ninja build system)
- keep on writing blog
- At this stage, there is still a lot of low-level computer knowledge (such as: network, database) which I am missing. Clear goal of learing and work make me full of hope and confidence in life
- Current goal: Focus on stability and high-performance skills, learn more basic computer knowledge, and strive to become a qualified computer practitioner