Guangqing Chen

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🎓 Education

South China Normal University (SCNU), Guangzhou, China   2015 – Present
B.Eng. in Network Engineering (NE), expected July 2019

👥 Experience

Intel   2018

C++   NPG Intern

Hyperscan is a high-performance multiple regex matching library.

- Uses hybrid automata techniques
- Allow simultaneous matching of large numbers of regular expressions
- Allow the matching of regular expressions across streams of data

Implements a Language   2018

C++   Individual Projects

A toy language played by myself:

- Implements a Lexer with Regular Language
- Implements a Parser with Operator-Precedence Parsing
- Adds JIT and Optimizer Support with LLVM

Implements a Web Server   2017

C   Individual Projects

A toy web server that supports the HTTP protocol:

- Base on tinyhttpd
- Fixes a problem about multithreaded memory leaks
- Adds Reverse Proxy and Load Balancing Support

A official website of ACM   2018

JavaScript   Individual Projects

The official website of the ACM contest in my school:

- Static Homepage: HTML5 + Bootstrap + JavaScript
- Sign Up Page: Meteor + Mongo + React + Antd

♡ Honors and Awards

Golden Medal, Award on The ACM-ICPC Regional Contest Qingdao Site   2017
National Scholarship   2017
Honorable Mention, Award on Mathematical Contest In Modeling   2017

⚙ Skills

- Programming Languages: C/C++ > Java = Python = JavaScript
- Platform: Works completely under Linux for 3 years

ℹ Miscellaneous

- Blog: `https://goushi.me`
- GitHub: https://github.com/gou4shi1
- Languages: English - Fluent, Mandarin - Native speaker