Qiqian Chen

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🎓 Education

Tsinghua University, Beijing, China   2020.9 – 2024.7(estimated)

Undergraduate, Software Engineering
Cumulative GPA 3.788/4 , *rank* 26/93

University of Waterloo, Ontario, Canada   2022.9(estimated) – 2022.12(estimated)

Exchange, Faculty of Mathematics

The High School Affiliated to Renmin University, Beijing, China   2017.9 – 2020.7

👥 Projects

WeChat Miniprogram, No Gugu Todo List   2021.2 – 2021.7

Python, JavaScript, HTML/CSS   Team Project

A Wechat Miniprogram, which is a todo list with social attributes

- Contributing about 3000 lines code

👥 Course Projects

ERISC Simulator, *A C++ simulator of an extremely reduced instruction set*   2020.11

Team Project   Course project of *Fundamentals of Programming*

Liquid Monster, *A small game using LiquidFun* C++   2021.6

Team Project   Course project of *Foundation of Object-Oriented Programming*

ThuConqueror, *A turn-based strategy chess game with Qt Graphics*   2021.9

Personal Project   Course project of *Practical Training For Programming*

AsmPainter, *A Win32 painter application written with MASM*   2021.10

Team Project   Course project of *Principles of Assembly and Compilation*

cpp2llvm, *A C to LLVM compiler using ANTLRv4*   2021.12

Team Project   Course project of *Principles of Assembly and Compilation*

ThssDB, *A small toy database system with Java, Thrift and ANTLRv4*   2022.6

Team Project   Course project of *Principles of Database*

Campus Net, *A fake campus net interface with Vue3, Typescript and Flask*   2022.7

Personal Project   Course project of *Web Front-end Technology*

Coding IDE, *A Web Python IDE with Vue3, Typescript and Flask*   2022.7 – 2022.8

Team Project   Course project of *Web Front-end Technology* and *Practice of Programming*

📑 Experiences

High Performance Computing Framework in Graph Mining   2021.12-

Academic Rising Star Program, Department of Computer Science and Technology, Tsinghua University

Quantum Circuit Optimization   2022.3-
Tsinghua University Student Research Training Program

⚙ Skills

- Programming: C++, Python, CUDA, Rust, JS/TS
- Framework: Qt, Vue.js, Flask, WeChat Miniprogram
- Tools: Git, LaTeX, Docker
- Platform: Linux (Cluster experience), Windows

❤ Scholarships and Honours

Comprehensive Outstanding Scholarship, *Tsinghua University*	2021.11
Third Prize, *2021 China Wechat Program Developing Competition*	2021.8
First Prize, *2018 National Olympics of Information, Province(NOIp),*	2018.11

ⓘ Miscellaneous

- English: IELTS 7.5 (Reading 9.0, Listening 8.5, Writing 6.5, Speaking 6.0)
- Personal Website: `https://www.cqqqwq.com`
- GitHub: `https://github.com/ChenQiqian`