



QIQIAN CHEN

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🎓 EDUCATION

Tsinghua University , Beijing, China	2020.9 – 2024.7(estimated)
<i>Undergraduate, Software Engineering</i> <i>Cumulative GPA 3.797/4, rank 26/93</i>	
University of Waterloo , Waterloo, Canada	2022.9 – 2023.1
<i>Exchange, Faculty of Mathematics</i>	
The High School Affiliated to Renmin University , Beijing, China	2017.9 – 2020.7

🧩 PROJECTS

Click the title to jump to the repository.

Coding Online , a Web Python IDE with Vue3, Typescript and Flask	2022.7 – 2022.8
Campus Net , a fake campus net interface with Vue3, Typescript and Flask	2022.7
ThssDB , a small toy database system with Java, Thrift and ANTLRv4	2022.6
c++2llvm , a C to LLVM compiler using ANTLRv4	2021.12
AsmPainter , a Win32 painter application written with MASM	2021.10
ThuConqueror , a turn-based strategy chess game with Qt Graphics	2021.9
Liquid Monster , a small game using LiquidFun C++	2021.6
No Gugu Todo List , a todo list using Wechat Miniprogram	2021.2 – 2021.7
ERISC Simulator , a C++ simulator of an extremely reduced instruction set	2020.11

📖 EXPERIENCES

Quantum Circuit Optimization	2022.3-
<i>Student Research Training Program, Tsinghua University</i> <ul style="list-style-type: none">Supervised by Prof. Zhengfeng Ji	
High Performance Computing Framework in Graph Mining	2021.12-2022.10
<i>Academic Rising Star Program, Department of Computer Science and Technology, Tsinghua University</i> <ul style="list-style-type: none">Supervised by Prof. Jidong Zhaiworked on a Graph Pattern Mining system in C++/CUDA	

⚙️ SKILLS

- Language: C++, CUDA (Expert); Python, JS/TS (Proficient); Rust, Java (Novice)
- Framework: Qt, Vue.js, Flask, WeChat Miniprogram
- Tools: Git, L^AT_EX, Docker, Linux (Cluster experience), Windows
- English: IELTS 7.5 (R9.0, L8.5, W6.5, S6.0)

♥️ SCHOLARSHIPS AND HONOURS

Honorable Mention(20%), 2022 <i>The Interdisciplinary Contest in Modeling</i>	2022.2
Comprehensive Outstanding Scholarship(20%), <i>Tsinghua University</i>	2021.11
Third Prize, 2021 <i>China Wechat Program Developing Competition</i>	2021.8
First Prize, 2018 <i>National Olympics of Information, Province(NOIp)</i>	2018.11