

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

No Gugu Todo List , a todo list using Wechat Miniprogram	2021.2 – 2021.7
<i>Python, JavaScript, HTML/CSS Team Project</i>	

🧩 COURSE PROJECTS

Click the title to jump to the repository.

ERISC Simulator , a C++ simulator of an extremely reduced instruction set	2020.11
Liquid Monster , a small game using LiquidFun C++	2021.6
ThuConqueror , a turn-based strategy chess game with Qt Graphics	2021.9
AsmPainter , a Win32 painter application written with MASM	2021.10
c++2llvm , a C to LLVM compiler using ANTLRv4	2021.12
ThssDB , a small toy database system with Java, Thrift and ANTLRv4	2022.6
Campus Net , a fake campus net interface with Vue3, Typescript and Flask	2022.7
Coding Online , a Web Python IDE with Vue3, Typescript and Flask	2022.7 – 2022.8

📖 EXPERIENCES

High Performance Computing Framework in Graph Mining	2021.12-2022.9
<i>Academic Rising Star Program, Department of Computer Science and Technology, Tsinghua University</i>	
<ul style="list-style-type: none">worked on a Graph Mining system, written code in C++/CUDA	
Quantum Circuit Optimization	2022.3-
<i>Tsinghua University Student Research Training Program</i>	

⚙️ SKILLS

- Programming: C++, CUDA (Expert); Python, JS/TS (Proficient); Rust, Java (Novice)
- Framework: Qt, Vue.js, Flask, WeChat Miniprogram
- Tools: Git, L^AT_EX, Docker
- Platform: Linux (Cluster experience), Windows
- English: IELTS 7.5 (Reading 9.0, Listening 8.5, Writing 6.5, Speaking 6.0)

♥ 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