

# Yiyang Du

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## EDUCATION

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<b>Tsinghua University</b> , Beijing, China Undergraduate, Computer Science and Technology CGPA: 3.99/4, rank: 1/177	2021.9 - 2025.7 (estimated)
<b>The Experimental High School Attached To Beijing Normal University</b> , Beijing, China	2018.9 - 2021.7

## PROJECTS

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<b>Best EAM</b> , a web enterprise asset manage system with Next.js and Django Course team project for Software Engineering, responsible for team management, deployment and front-end dev	2023.4 - 2023.6
<b>MiniDecaf</b> , a compiler from a small subset of C to RISC-V using Flex, Bison and C++ Course project for Principles and Practice of Compiler Construction	2022.10 - 2022.12
<b>Fancy News</b> , a news app on Android with Java Course project for Programing and Training	2022.8 - 2022.9
<b>Checkers</b> , an online checkers game on Windows using Qt C++ Course project for Programing and Training	2022.8
<b>TuMou2022</b> , an intelligent agent programming game competition. Responsible for the back-end logic with C++ as a member of Student Association of Science and Technology	2022.3 - 2022.5
<b>GirlsDay0</b> , a WeChat widget that displays students' best wishes on Girls' Day Volunteer work for Girls Day	2022.3
<b>ContraGame</b> , a simple contra game using Win32 framework Course project for Programming Methodology	2021.11 - 2021.12

## EXPERIENCES

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<b>Algorithms Intern, DeepLang AI</b> · Focus on pre-train of large language models · Have experience of data processing, model pre-train and fine-tune process · Also have interests in techniques like MoE	2023.2 - 2023.7
<b>Intelligent writing based on pre-trained model and other technologies</b> Academic Rising Star Program, Department of Computer Science and Technology, Tsinghua University · Supervised by Prof. Maosong Sun · Contribute to WantQuotes, a system that helps people retrieve sentences based on meaning, by conducting experiments and building the system	2022.11 - 2023.3

## ACHIEVEMENTS

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<b>National Scholarship (2%)</b> , Ministry of Education of P.R.C.	2022.11
<b>Comprehensive Outstanding Scholarship</b> , Tsinghua University	2022.11
<b>Honorable Mention (20%)</b> , 2023 Mathematical Contest In Modeling	2023.2
<b>Third Prize</b> , the Challenger Cup 2023, Tsinghua University	2023.4
<b>First Prize</b> , 2019 CSP-S Non-professional software capability certification(Equivalent to the original National Olympics of Information, Province(NOIp)), China Computer Federation	2019.11

## SKILLS & ABILITIES

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Proficient in using C++, Python in scientific tasks

Deep learning libraries & frameworks: Megatron-LM, DeepSpeed, Hugging Face, etc.

High performance computing with CUDA

Front-end development with Next.js

Hardware design with VHDL

College English Test Band6 (CET6) : 599 marks

## DECLARATION

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I hereby declare that all the details furnished above are true to the best of my knowledge and belief.