Chenyang Zhao

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EDUCATION

Bachelor of Computer Science and Technology, Tsinghua University　　　　　　Since August 2020

GPA: **3.93/4.00** Rank: **2/183** (First Grade).

GPA **4.00 in Mathematics**: Unary Calculus, Multivariate Calculus and Series, Linear Algebra, Advanced Topics in Linear Algebra, Mathematical Logic and Set Theory, Group Theory.

GPA **3.83 in Programming**: Introduction to Computer Programming, Object-Oriented Programming, Graph Theory, Programming and Training, Assembly Language Programming, Data Structure.

Award: Comprehensive Excellence Scholarship, Tsinghua University Fall 2021

PROJECTS

Tsing-Answering Program Development | *Program Operation and Maintenance Chief*　　　Since January 2021
- Co-developed Tsing-Answering Program, a query answering system which has over 2,000 on-campus users and over 20,000 daily visits.
- Proficient in JavaScript, CSS, React, HTML and other program related technology stacks.
- Understood user requirements accurately and iterated the program continuously based on real user feedback.

[Analysis of National Branding Strategy from China/Japan Media](#)　　　　　　Since July 2020

Major Project for Student Research Training Program
- Obtained information from news website through web crawling technology during the 2020 Tokyo Summer Olympics and the 2022 Peking Winter Olympics, and used Python for text parsing.
- Conducted sentiment analysis on collected news data using a Japanese data set provided by the University of Tokyo as the training set; skilled in Python programming.

Video Website Information Crawling and Display　　　　　　　　　　　　　　Summer 2021

Fundamental Frontend Technology Stack and Python Skill
- Crawled 20,000 video information from www.bilibili.com, built a basic Django project to display information.

RESEARCH

Research Institute of AI Industry, Tsinghua University | *Research assistant in Computer Vision*　Since Fall 2020
- Participated in writing a paper be submitted to ECCV 2022.
- Studied online Deep Learning courses such as *Machine Learning* and *Dive into Deep Learning*.
- Assisted team members in a Weakly-supervised Semantic Segmentation project based on Spectral Uncertainty.

LEADERSHIP EXPERIENCE AND EXTRACURRICULAR WORK

Curriculum Advisory Committee | *Standing Committee Member*　　　　　　　　　Since Fall 2021
- Established a communication channel through teacher-student interviews to promote the curriculum reform of the Department of Computer Science and Technology, Tsinghua University.
- Invited alumni to give lectures and share experience periodically.

Student Association Network Department | *SAST Skills Document Writer*　　　　　Since Fall 2020
- Contributed to docs net-9 as a main writer; completed an object-oriented programming technical document.

Tsinghua University Q&A Workshop Technical Support Group | *Development Team Core Member*　Since Fall 2021
- Core project leader starting after fall 2022; operated and maintained the Q&A workshop program.

SKILLS

Computer：Python, C++, Pytorch, LaTeX, JavaScript, Linux, PowerPoint, Git, Web Develop

Languages: Chinese (native), English (CET-4 649/710)