Ziqing Huang

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Education

◇ **B. Eng. in Computer Science and Technology, Tsinghua University**   *Aug. 2019 - Jun. 2023*
- Yao Class, Institute for Interdisciplinary Information Sciences (IIIS)
- GPA: **3.96/4**, Rank: **6/94**
- Relevant courses: Data Structures, Algorithm Design, Information Retrieval

Research Experience

◇ Tsinghua University   *Sep. 2022 - Feb. 2023*
Advisor: Prof. Zhilin Yang
- Research topic: web page creation.
- We combine probabilistic and rule-based methods to create web pages from text with different levels of inputs, such as the content on the page and the description of the style.

◇ Princeton University (Remote work)   *Feb. 2022 - Jan. 2023*
Advisor: Prof. Danqi Chen
- Research topic: information retrieval.
- We widely explored and compared the performance of different retrieval systems on different datasets.
- We proposed corpus poisoning attacks on retrieval. We show that by inserting a limited number of passages into the corpus, we can mislead the retrievers to retrieve them.

◇ Tsinghua University   *Aug. 2021 - Feb. 2022*
Advisors: Prof. Zhiyuan Liu (Tsinghua University), Prof. Chenyan Xiong (Microsoft Research)
- Research topic: information retrieval.
- We built a strong baseline on MS MARCO passage retrieval task based on ANCE and OpenMatch.

Honors and Awards

◇ Outstanding Graduate Student | Tsinghua University   *2023*
◇ Yao Award, Recognition Prize | IIIS, Tsinghua University   *2022*
◇ Academic Excellence Award | Tsinghua University   *2022*
◇ Social Work Excellence Award | Tsinghua University   *2022*
◇ Outstanding Student Leaders | Tsinghua University   *2021, 2022*
◇ Comprehensive Excellence Award | Tsinghua University   *2020, 2021*
◇ First-Class Scholarship for Freshmen | Tsinghua University   *2019*
◇ First Place in the National College Entrance Examination (Science) | Beijing, China   *2019*

Extracurricular Activities

◇ Vice President of the Student Union | IIIS, Tsinghua University   *Oct. 2021 - Jun. 2023*
◇ Leader of IIIS Tennis Club | IIIS, Tsinghua University   *Mar. 2022 - Jun. 2023*
◇ Member of the Student Union | IIIS, Tsinghua University   *Sep. 2020 - Oct. 2021*
◇ Class Leader | Yao Class 92, IIIS, Tsinghua University   *Sep. 2020 - Sep. 2021*

Skills

◇ **Language Abilities:** Chinese (Native), English (Proficient), Japanese (Basic)
◇ **Computer Skills:** C/C++, Python, LaTeX, Markdown