# **YUQIN ZHOU**

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#### **EDUCATION**

2021-09 - Present

University of Copenhagen

Denmark

- M.Sc. in Information Technology and Cognition.
- **Relevant Modules:** Natural language processing, Cognitive Science, Vision and Image processing, Machine learning, and Introduction to Data Science.

2017-09 - 2021-06

Tianjin University

China

- B.A. in English (Linguistics track).
- **Relevant Modules:** Syntax, Introduction to Linguistics, Fundamentals of Computer Software, and Introduction of Advanced Mathematics.
- Awards: Outstanding Undergraduate Thesis 2020; Merit Student 2018.

### ACADEMIC EXPERIENCE

2023-07 - Present

Research Assistant, Privacy Lost Project, University of Copenhagen

Denmark

- Analyzed web tracking data to unveil the evolution of commercial user surveillance, revealing the impact of political, economic, and demographic forces.

2019 - 04 - 2020 - 06

Participant, Data and Policy Summer Scholar Online Program, University of Chicago

Online

- Enhanced statistical and R programming skills through two seven-week courses.
- Engaged in one policy research project: the correlation between revenue and territorial control in Afghanistan.

2019-04 - 2020-06

Team Leader, National College Students Innovation and Entrepreneurship Project

China

China

- Analyzed the translation strategies of Louis Cha's four martial arts novels Louis.

2019-04 - 2020-06

Participant, Social Science Methods and Research Training Program, Peking University
- Learned statistics and probabilities, and R programming to demographic data.

China

WORK EXPERIENCE

2021-02 - 2021-06

Research Intern, International Cooperation Center of National Development and Reform

- Helped to evaluate projects and development plans for local governments.
- Conducted client interviews.

## **PUBLICATIONS**

[1] **Yuqin Zhou**, Zhan Su, Jakob Grue Simonsen, Benyou Wang, Qiuchi Li, Christina Lioma. 2023. <u>Towards</u> Language Modeling Using Tensor Trains. Preprints.

[2] Zhan Su, **Yuqin Zhou**, Jakob Grue Simonsen, Benyou Wang. 2023. <u>Reinforced Queries using Pre-trained Language Models in Sparse Retrieval</u>. Preprints.

#### SKILLS AND INTERESTS

IT skills: Python, PyTorch, Git, PRAAT, NumPy, Matplotlib, Pandas, Scikit-learn, Microsoft Suite, LaTeX.

Languages: Mandarin Chinese (native); English (professional proficiency); German (intermediate).

**Interests:** Badminton (College Badminton Team Member), Swimming, Bicycling.