

# ZISHENG MENG

qi7kuo@gmail.com | +86 14717979747

## EDUCATION EXPERIENCE

**Tsinghua University** 09/2020-06/2024

- Department of Computer Science and Technology  
Major: Bachelor of Science in Computer Science & Technology  
GPA: 3.85 / 4.00
- **Courses with A+:** Object-Oriented Programming Design, Probability Theory and Mathematical Statistics, Introduction to Complex Functions, Principle of Signal Processing.
- **Honors & Awards:**
  - Tsinghua University Freshman Second-Class Scholarship 09/2020
  - Outstanding Winner in the 4th Artificial Intelligence Challenge of Tsinghua University 05/2021
  - Tsinghua University 41st Challenge Cup Third Prize 05/2023
  - Tsinghua University Self-Reliance Scholarship (Shanxi Province) 06/2024

**The University of Hong Kong** 01/2025-Now

- Department of Computer Science  
Major: Ph.D. of Science in Computer Science
- **Honors & Awards:**
  - HKU Presidential PhD Scholarship 01/2025

## RESEARCH & WORK EXPERIENCES

**Tsinghua University, Institute of Artificial Intelligence, RA (Prof. Maosong Sun)** 10/2021-02/2023

### WantQuotes Sentence Recommend System

- Designed and implemented a system for quote searching based on semantic information
- Responsible for system data extraction and database construction
- Participated in the 41st Challenge Cup of Tsinghua University as the first author

**Alibaba Cloud, PAI team, Research Intern** 03/2024-Now

### Automated Compilation Optimization for Distributed Machine Learning

- Optimize the costs of computation, communication, and memory in a distributed environment through intermediate compilation
- Involved in the development of the memory management section of the Easydist system

### Accelerating Mixture-of-Experts (MoE) in Distributed Environment

- Explore more efficient and load-balanced MoE computation methods in response to the sparsity and dynamism of MoE

## FUTURE RESEARCH INTERESTS

- Network optimization for Distributed Machine Learning System
- Machine Learning System for general/special model structure
- Large Language Model Serving System