

Yuzhen Huang

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Homepage: hyz17.github.io

Research Interests: My primary research interests lie in the areas of Natural Language Processing and Machine Learning, with a current focus on advancing multimodal models.

EDUCATION

The Hong Kong University of Science and Technology, Hong Kong SAR, China.

Feb. 2024 - present

– **Ph.D in Computer Science**

– Advisor: Prof. Junxian He

Shanghai Jiao Tong University, Shanghai, China

Sep. 2019 – Jul. 2023

– **B.Eng. in Computer Science**

– *GPA: 3.89/4.3, Score: 90.27/100*

– Outstanding Coursework:

• Mathematical Courses:

– *Advanced Mathematics(2): A, Probability and Statistics: 94, Discrete Mathematics: 95*

• Programming Courses:

– *Programming Basis: 94, Data Structure: 91, Operating System: 93, Computer Architecture: 98*

• Machine Learning Courses:

– *Machine Learning: 96, Natural Language Processing: 98*

PUBLICATIONS

* denotes equal contribution, † denotes corresponding author/main advisor

[1] **Y Huang***, J Zhang*, Z Shan, J He†. Compression Represents Intelligence Linearly

– Examine the linear correlation between compression efficiency and intelligence in LLMs.

– Conference on Language Modeling (COLM), 2024.

[2] **Y Huang***, Y Bai*, Z Zhu, J Zhang, J Zhang, T Su, J Liu, C Lv, Y Zhang, Y Fu, M Sun, J He†. C-Eval: A Multi-Level Multi-Discipline Chinese Evaluation Suite for Foundation Models

– The first comprehensive Chinese evaluation suite for LLMs.

– NeurIPS (Datasets and Benchmarks track), 2023

PAST EMPLOYMENT

Research Intern, Tencent

Nov. 2023 – Jan. 2024

Mentor: Zifei Shan

PROFESSIONAL ACTIVITIES

Reviewer: NeurIPS 2024, NLPCC 2024

STANDARD TESTS

[1] **TOEFL** – 102

[2] **CET-6** – 559