

# Hao Yang

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## Research Interests

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**Current Interests:** LLMs Reasoning Analysis, Multi-Modal Large Models

**Previous Interests:** Automatic Visualization of Tabular Data, Intelligent Education

## EDUCATIONAL BACKGROUND

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**Beijing Language and Cultural University**, Master, Computer Science Sept 2021 – Jun 2024

- GPA: 3.78/4.0

- **Coursework:** Computational Linguistics, Natural Language Processing, Artificial Intelligence, Machine Learning, etc.

**Qingdao University of Technology**, Bachelor, Computer Science Sept 2017 – Jun 2021

- **Coursework:** Principles of Computer Composition, Data Structure, Operating System, Computer Network, Computer Architecture, Assembler Language, C/C++, Java, etc.

## Paper List

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**Chain-of-Thought in Large Language Models: Decoding, Projection, and Activation** Submitted

The 31st International Conference on Computational Linguistics (COLING 2025)

**The Implementation Solution for Automatic Visualization of Tabular Data in Relational Databases Based on Large Language Models** Accepted

International Conference on Asian Language Processing (IALP)

**Construction of a Scenarioized Knowledge Graph of International Chinese Teaching Resources** Accepted

The 25th Chinese Lexical Semantic Workshop (CLSW)

## Experience

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**Research Assistant**, Nanjing University July 2024 –

We aim to deploy large models on edge devices, such as in-vehicle systems and forest fire warning devices. This project involves model selection, training, quantization, and deployment on FPGA. I am primarily responsible for model selection, design, and training.

**Research Internship**, China Electronics Technology Group Sept 2023 – Apr 2024

During my research internship, I was responsible for reviewing and summarizing cutting-edge papers related to the project, as well as drafting patents.

## Projects

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**Edge Multi-Modal Large Model** On Process

**How Chain-of-Thought Works?** Finished

**International Chinese Intelligent Teaching System** Finished

Please click [\[here\]](#) for more details.

## Skills

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**Program Languages:** Java, SQL, JavaScript, Python