

# Yujie Tu

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No.19A Yuquan Road, Beijing, China (100049)

## EDUCATION

**University of Chinese Academy of Science**

Sept. 2022 – June 2026 (expected)

*B.S. in Artificial Intelligence*

*Beijing, China*

- **gpa:** 3.75/4.0   **CET4:** 612   **CET6:** 541

## RESEARCH EXPERIENCE

**Institute of Automation, Chinese Academy of Science ( 🐼CASIA🐼SKL-MCCS)**   Oct. 2023 – Present

*Research Intern, supervised by Prof. Danli Wang*

*Beijing, China*

- **multimodal emotion recognition.**
  - Read relevant papers and reproduce selected excellent multimodal emotion recognition work.
  - Developed a facial emotion recognition system independently
- **Emotion recognition based on Electroencephalograph(EEG)**
  - Read relevant papers and reproduce selected excellent work of emotion recognition based on EEG .

## PROJECT & TRAINING

**Gomoku AI**

Oct. 2023 – Dec. 2023

*Independent Developer*

*Beijing, China*

- Developed a Gomoku AI based on game tree and alpha-beta pruning, with a search depth of 4 layers and 7 layers for tactical analysis.

**Tennis Momentum Analyzer**

Feb. 2024

*Mathematical Contest in Modeling(MCM); team leader of 3, modeler*

*Beijing, China*

- Modeled a player performance evaluation model based on the entropy weight method and TOPSIS and a quantitative model for momentum based on logistic regression.
- Was designated as Honorable Mention

**Personal Blog**

Feb. 2024

- Used mkdocs framework and cloudflare service to build a personal blog

**Survey: Exploring the Correlation between English Language Proficiency and Competence to Discern AI-Generated Text among Chinese English Learners**

Sep. 2023-Dec. 2023

*Team member of 5*

*Beijing, China*

- Conduct a survey of exploring the correlation between English language proficiency and competence to discern AI-generated text among Chinese English learners.
- Contributions: Provider of the final research topic, literature search and collection, drafting the conclusion and results, presenting the progress of the team paper.

## SELECTED HONORS

**Academic Scholarship, UCAS**

2023

**Honorable Mention, MCM**

2024.2

## EXTRACURRICULAR ACTIVITIES

**Deputy Leader of Undergraduate Choir, the Conductor**

2023-present

- Led the choir to participate in the school choir competition as the conductor, and won the first prize.

## SKILLS

**Languages**   C, C++, Python, MATLAB, Java, Go, R

**Frameworks**   PyTorch, TensorFlow, Scikit-learn, NumPy

**Tools**   Git,  $\LaTeX$