

Junyi Zhang

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EDUCATION

University of California, Los Angeles (UCLA)

Jun 2026 – Present

PhD in Computer Science

- Advisor: Prof. Nanyun (Violet) Peng and Prof. Wei Wang
- Research Focus: AI for Math (Math Research / Formal Theorem Proving), Agent Harness, Retrieval-Augmented LLMs/LVLMs

University of California, Los Angeles (UCLA)

Sep 2024 – Jun 2026

MS in Electrical and Computer Engineering

- Advisor: Prof. Nanyun (Violet) Peng
- Research Focus: Retrieval-Augmented LLMs/LVLMs

University of Science and Technology Beijing

Sep 2020 – Jun 2024

BEng in Computer Science

- National Scholarship of China (Awarded to 0.2% of students nationwide)
- Champion's Scholarship (Top 1/278 in CS department)

PUBLICATION

[1] TaoBench: Do Automated Theorem Prover LLMs Generalize Beyond MathLib? [\[Link\]](#)

arXiv Preprint, Under Review

- Alexander K Taylor*, **Junyi Zhang*** (*equal contribution*), Ethan Ji, Vigyan Sahai, Haikang Deng, Yuanzhou Chen, Yifan Yuan, Di Wu, Jia-Chen Gu, Kai-Wei Chang†, Nanyun Peng†, Amit Sahai†, Wei Wang†

[2] BRIEF-Pro: Universal Context Compression with Short-to-Long Synthesis for Fast and Accurate Multi-Hop Reasoning [\[Link\]](#)

ACL 2026 Findings

- Jia-Chen Gu*, **Junyi Zhang*** (*equal contribution*), Di Wu, Yuankai Li, Kai-Wei Chang, Nanyun Peng

[3] TemMed-Bench: Evaluating Temporal Medical Image Reasoning in Vision-Language Models [\[Link\]](#)

arXiv Preprint, Under Review

- **Junyi Zhang**, Jia-Chen Gu, Wenbo Hu, Yu Zhou, Robinson Piramuthu, Nanyun Peng

[4] SAN: Structure-Aware Network for Complex and Long-Tailed Chinese Text Recognition [\[Link\]](#)

ICDAR 2023

- **Junyi Zhang**, Chang Liu, Chun Yang

AWARDS

Scholarships

- National Scholarship of China (Awarded to 0.2% of students nationwide)
- Champion's Scholarship (Top 1 in CS department)

Competition Awards

- National AI Board Game Tournament, National 2nd Prize

- MCM/ICM, Honorable Mention
- National Undergraduate Physics Competition, 1st Prize, Beijing Physics Society
- National Undergraduate Mathematics Competition, 1st Prize, Beijing Mathematics Society