

EDUCATION	Institute for Interdisciplinary Information Sciences, Tsinghua University <i>B.E. in Computer Science and Technology</i> • GPA: 3.97/4.0, Rank: 4/92. • Selected Coursework: Natural Language Processing (A+), AI Principles & Techniques (A+), Computation Theory (A+), Game Theory (A+), Cryptography (A), Algorithm Design (A+), Abstract Algebra (A+), Introduction to Computer Systems (A+) Beijing, China Aug 2024 - Present
PUBLICATION	Baicheng Chen, Yu Wang, Ziheng Zhou, Xiangru Liu, Juanru Li, Yilei Chen, Tianxing He. CREBench: Evaluating Large Language Models in Cryptographic Binary Reverse Engineering. Third Conference on Language Modeling. Link: https://arxiv.org/abs/2604.03750.
RESEARCH PROJECTS	Capabilities of Large Language Models in Cryptography and Cybersecurity <i>Supervised by Prof. Tianxing He, Tsinghua University</i> Jan 2026 - Apr 2026 • Investigate the potential applications of state-of-the-art Large Language Models (LLMs) in real-world cryptographic and cybersecurity tasks, including vulnerability analysis, reverse engineering, and cryptanalysis. • Aimed at identifying risks and proposing systematic evaluation methods for these models' effectiveness in these domains. Automatic Supervision of Large Language Model Training <i>Supervised by Prof. Wei Xu, Tsinghua University</i> Feb 2025 - Feb 2026 • Build a centralized training monitor that automatically detects the liveness of the training process and loads the latest checkpoint upon restart, based on the Megatron framework. • Re-implement part of the PyTorch distributed package, utilizing Remote Direct Memory Access (RDMA) technologies for acceleration.
STARTUP PROJECTS	LLM Lingo: AI-powered Revolution for Language Learning Feb 2025 - Nov 2025 • Design and develop an LLM-powered contextual learning application that dynamically integrates target words into user-interested articles, significantly enhancing learning engagement and memory retention.
HONORS AND AWARDS	• Excellent Comprehensive Scholarship, Tsinghua University • Gold Medal, 38th Chinese Mathematical Olympiad (CMO) • Gold Medal, 39th National Olympiad in Informatics (NOI), China Oct 2025 Dec 2022 Aug 2022
SKILLS	Languages: Chinese, English (CET-6 629) Programming: Python, C++, Go, Scala, Typescript