Haowen Hu

Shanghai, China ✉ dreamr777@sjtu.edu.cn

ABOUT ME

I am currently a junior undergraduate majoring in Information Security. I have a strong interest in research related to AI and security. Now I'm eager to further explore and contribute to research in these fields.

EDUCATION

Bachelor of Information Security   August 2022 – July 2026 (expected)
Shanghai Jiao Tong University, Shanghai, China

- ✓ *GPA(Major)*: 3.94/4.3 ; *GPA(Overall)*: 3.94/4.3
- ✓ *Relevant Coursework:* Achieved **A/A+** grades in most of the Mathematics and Computer Science courses, including **Discrete Mathematics**, **Probability and Statistics**, **Computer Programming**, **Fundamentals of Compiling**, **Mathematics Fundamentals of Information Security (1)**, and **Elements of Information Theory**.
- ✓ *Honors and Awards: Shanghai Jiao Tong University Undergraduate Excellence Scholarship (Top 10%).*

RESEARCH EXPERIENCE

China Undergraduate Mathematical Contest in Modeling   *Jul. 2023 – Sep. 2023*
Team Leader

- Learned to develop unique and effective models tailored to various conditions and objectives.
- Effective teamwork and paper conceptualization and production within a limited timeframe.

A Survey on Detection of LLMs‑Generated Content   *Nov. 2023 – Jun. 2024*
Team Leader
Advisor: ZhuoSheng Zhang (Assistant Professor of School of Cyber Science and Engineering, SJTU)

- Learn the CoCo model which provides a coherence‑graph‑based contrastive learning model, to detect machine‑generated texts under low‑resource scenario. CoCo's detection accuracy outperforms the state‑of‑art detectors on multiple datasets.
- Using T5 model to detect machine‑generated texts.
- Collecting open‑source data to distinguish falsify facts and harmful information from clean texts. Deployed a BERT‑based binary classifier for detecting fabricated facts. Learning and deploying optimizing prompt for detecting harmful facts.
- Proposed an all‑in‑one automated source detection model, achieving strong generalization with fewer training samples.

SKILLS AND OTHERS

Programming And Typesetting

- Python, C/C++, Qt, Django, SQL, LaTeX, markdown

Languages

- Mandarin Chinese: Mother tongue
- English: CET‑6:629