

Wentao Chen

Shanghai, China — [Personal Website](#) — [Github Page](#) — [Google Scholar](#) — leonard_chen@sjtu.edu.cn

EDUCATION

Shanghai Jiao Tong University (SJTU), Shanghai, China
B.E. in Computer Science
ACM Class, Zhiyuan Honor Program(Top 10% student)

Enrolled: 2021.9 — Expected: 2025.6
GPA: 3.56/4.3

EXPERIENCE

Shang Data Lab (SD Lab)
Visiting Student

San Diego, California
2024.9 - 2024.12

- Mentor: [Jingbo Shang](#)
- Working on LLM code generation and adversarial attack.

Center for Brain-like Computing and Machine Intelligence (BCMI)
Research Intern

Shanghai, China
2023.7 – 2024.2

- Mentor: [Weilong Zheng](#)
- Self-supervised EEG learning for emotion classification.

RESEARCH INTERESTS

- **LLM Safety:** How can we ensure LLMs do not produce harmful responses or compromise privacy?
- **Representation Learning:** How can we extract superior representations from plain text or sequential data to enhance downstream task performance?
- **Logic Reasoning:** There should be something better than Chain-of-Thought.

PUBLICATIONS

- *Improve Cross-Architecture Generalization on Dataset Distillation*, accepted by ICMSSP 2024
Binglin Zhou*, Linhao Zhong*, **Wentao Chen***
- *Contrastive Self-supervised EEG Representation Learning for Emotion Classification*, EMBC 2024
Keya Hu, Renjie Dai, **Wentao Chen**, Haolong Yin, Baoliang Lu *Fellow IEEE* and Weilong Zheng

ONGOING PROJECTS

Code Generation Memorization

- Detecting memorization phenomenon in LLM code generation and proposing some mitigation methods.

LLM Attack Benchmark

- Testing different LLM attack methods on different kinds of datasets with various metrics.

SKILLS

- **Relevant Coursework:**
 - Machine learning: try continual learning
 - Data Mining: join a Kaggle competition
 - Computer Vision: work on data distillation
 - Fundamentals of Data Science: work on the emotion recognition on SEED dataset
 - Natural Language Processing: use LLM as a referee for poker games
- **Programming:** C/C++, Python, Java, Rust, Verilog
- skilled in pytorch, transformers
- **Communication:** TOFEL 99

AWARDS

- Zhiyuan College Honor Scholarship, SJTU 2022.9