Siqing Li

Enabling adaptive, efficient, ethical AI

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Github

Background

Southern University of Science and Technology (SUSTech)

Sep. 2022 – Present **Bachelor of Science, Data Science & Big Data Technology**, Shenzhen, China.
Overall GPA: **3.77/4.0** (**3.85** in Last Semester), Weighted Average Score: **94.5**/100

Main Courses.

- **Grade A:** Advanced Natural Language Processing, Statistical Learning, Bayesian Statistics, Big Data Analysis Software, Data Structure and Algorithm Analysis, Probability Theory, Mathematical Statistics, Distributed Storage and Parallel Computing, Artificial Intelligence, Computer Programming Design
- Other Advanced Courses: Mathematical Analysis Essentials, Discrete Mathematics and Applications, Operations Research and Optimization, Statistical Linear Models, Multivariate Statistical Analysis

Leadership.

- President of SUSTech Red Cross (Student)
- Student Representative of College
- Section Leader of SUSTech Choir

Jan. 2025 **Visiting Student**, *Zhejiang University, School of Medicine*, Hangzhou, China.

Summer 2025 **Visiting Student**, *The Ohio State University*, OH, US.

Honors

Scholarships

2025 The First Prize Scholarship of University (Top 3%)

2024 Outstanding Student Model Mention (Top 2%)

2023/2024 The Second Prize Scholarship of University (Top 8%, twice)

Competitions

2024 China Mathematical Modeling Contest - First Prize of Province (Top 8%, national prize mention)

2024 Mathematical Contest in Modeling (International) - Honorable Mention

2025 China International Collegiate Innovation and Entrepreneurship Competition - First Prize

Projects

2023-24 Guangdong Province Seedling Plan for Innovation Key Cultivation Project: CNY 10,000

2024-25 Guangdong Province Seedling Plan Continuous Support Project: CNY 20,000 (Leader)

2024-25 SUSTech Pioneering Plan Project Grant: CNY 8,000 (Leader)

2025 Guangdong Provincial Gold Award of China International College Students Innovation and Entrepreneurship Competition: CNY 10,000 (Leader)

Student Honors, Arts, and Hobbies

2024 Student Cadre of Excellence of SUSTech

2024 Outstanding Student of SUSTech

2024 Top Ten Outstanding Campus Volunteers

2024 University Arts Festival Choir Competition - First Place

Research

Jul. 2025 – Present **Cloning Ourselves in Language: LLMs for Conversational Digital Twins**.
- Developed a framework for creating conversational digital twins using LLMs, incorporating advanced data preprocessing (e.g., anonymization, multi-modal processing) to ensure privacy and model adaptability.
- Fine-tuned SOTA LLMs (e.g., Qwen-32B, Llama3.3-70B), achieving high fidelity in personality simulation and surpassing benchmarks in coherence and human likeness.

Agu. 2025 – Oct. 2025 **Modeling LLM Unlearning As An Asymmetric Two-task Learning Problem**, *at SUSTech*, (submitted to ACL 2026).
- Proposed a novel asymmetric two-task framework for LLM unlearning, prioritizing retention while optimizing gradient conflicts through the SAGO method, effectively balancing forgetting and retention.
- Demonstrated significant improvements in retention and forgetting effectiveness with SAGO on WMDP and RWKU benchmarks, successfully advancing the Pareto frontier.

Dec. 2024 – Aug. 2025 **Bidirectional Time-Freq Pyramid Network for Robust EEG Classification**, *at OSU*, (Published at BIBM'25 as Regular Paper).
- Proposed BITE, a unified EEG architecture combining multistream synergy, pyramid time-frequency attention, and bidirectional adaptive convolutions for robust cross-paradigm BCI tasks.
- Achieved SOTA performance with superior within- and cross-subject generalization. Demonstrated computational efficiency and versatility across MI and SSVEP tasks.

Dec. 2024 – May. 2025 **Disentangling the Drivers and Host-Mediated Global Spread of Influenza A Virus**, *at ZJU*, (In Review: *Nat. Commun.*).
- Using data science methods including Bayesian inference, combining phylodynamic and phylogeographic analysis to model the transmission path and key influencing factors of the H7 virus.
- From data verification to academic papers: fully participate in data analysis, modeling, verification, manuscript preparation and visualization.

May 2024 – Mar. 2025 **Multivariate Gaussian Representation Learning for Fine-grained Action Evaluation**, *at OSU*, (Published at AAAI'26).
- Developed a dataset with 6,000 videos, featuring multi-view and multi-label annotations.
- Proposed a novel Multivariate Gaussian based method inspired by Gaussian Splatting, for modeling fine-grained temporal and spatial relationships. Conducted experiments integrating RGB and joint data modalities, implemented multiple down-stream tasks. SOTA on PennAct, CPRCoach, etc.

Projects

Dec. 2024 **Fine-tuning Gemma2 on GPT-4 QA Dataset**, *with Chair Prof. Bingyi Jing*, Report(EN).

Feb. 2024 **Scalable System for Major Capital Flow Analytics**, *with Dr. Peng Yang*, Report(CN).

Jan. 2024 **Momentum Modeling and Outcome Prediction in Tennis Matches**, *MCM*, Report(EN).

Aug. 2024 **Optimization of DQN Variants in Reinforcement Learning**, *MCM*, Report(EN).

Aug. 2024 **Profit Maximization Decision-Making Models Based on Sampling**, *MCM*, Report(CN).

Dec. 2023 **Content-Aware Image Resizing with Seam Carving**, Report(EN).

Voluntary Experience

Total Volunteer Service Hours: 428.5 h.

Student President of SUSTech Red Cross.
- Joined the SUSTech Red Cross at enrollment and gradually grew into a team leader.
- Organized a variety of volunteer events, emergency first aid carnival activities, and fundraising initiatives.
- Conducted first aid courses. Responded to over 50 emergencies.

Campus Volunteer First Aid Responder.
- Responded to over 50 emergencies including cases of epilepsy, fractures, trauma, and heatstroke.

Skills

Technical Python, R, MATLAB, C++, Java, SAS, SQL, PyTorch, TensorFlow, Keras, XGBoost

Academic LaTeX, Adobe Illustrator, Zotero, EndNote, Microsoft Office Suite