ZHENG Kaisheng

✉ 12110722@mail.sustech.edu.cn
🌐 https://kaisheng-zheng.github.io/

Education

2021 – now ▮ **B.E., Southern University of Science and Technology** Computer Science and Engineering.

Research Experience

Conference Proceedings

① **K. S. Zheng** and ..., *"Automatic Unit Test Generation based on LLM,"* in *(under review)*, 2024.

Skills

Coding	▮	Java, Python, R, MATLAB, SQL, LaTeX
Web Dev.	▮	Springboot, Docker, Kubernetes
Misc.	▮	Data insight and visualization, academic research, self-learning

Miscellaneous Experience

Awards and Achievements

2023 ▮ **Silver Medal (Excellence in Model)** - International Genetically Engineered Machine competition (iGEM).

- Led modeling group.

- Provided insight and help the team understand the system

- Collaborated with wet lab group to use measurements of a part, device, or system to develop the model

2024 ▮ **Meritorious Winner (Top 10%)** - Interdisciplinary Contest in Modeling.

- Developed the core model about risk terrain mapping based on Random Forests predicting the outcome of regional development on preventing illegal wildlife poaching.

- World Bank WDI data, global GIS data, and wildlife trade data cleaning and preprocessing.

- Performed model sensitivity analysis.

Miscellaneous Experience (continued)

Student Work

2022-2023   **Director of the Design Center** of the 8th Southern University of Science and Technology Student Press.

- Organized departmental activities, including distributing work and offering tutorials in both offline and document forms.

- Coordinated inter-departmental issues.

- Served as the Art Editor for the 12th issue of the school magazine and the editor-in-chief for 12 (8 to 19) issues of the Cultural Monthly Report.