

Zheng Liu

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EDUCATION

- **Nanjing University, Department of Computer Science and Technology** Sep.2021- July.2025
Bachelor of Science in Computer Science GPA:4.62/5.0, Ranking:2/210
 - *Relevant Courses:* Calculus I(98), Calculus II(94), Data Structures(96), Introduction to Computer Systems(99.1), Probability Theory and Mathematical Statistics(100), Operating Systems(97), Algorithm Design & Analysis(97)

AWARDS

- Silver Award For 18th Programming Competition, *Nanjing University* 2022
- RuLi Scholarship(5000 RMB), *Nanjing University* 2022
- Bronze Award For 19th Programming Competition, *Nanjing University* 2023
- GuoXieBirong Scholarship(10000 RMB), *Nanjing University* 2023

EXPERIENCE

- **Intelligent Applications of Brain-Computer Interaction** 2022-2023
Team Leader Nanjing University
 - A Provincial-level College Students' Innovative Entrepreneurial Training Plan Program led by Prof. Guihuan Feng.
 - In this project, We gained proficiency in utilizing Emotiv devices, acquired a comprehensive understanding of the process involved in capturing brainwave signals, and applied algorithms such as KNN, CNN, and RNN for the classification of EEG signals.
- **Forecast the Health of Open Source Projects Using Metric-Based Indicators.** 2023-2024
Team Leader Nanjing University
 - A College Students' Innovative Entrepreneurial Training Plan Program led by Prof. Liang Wang.(National-level or Provincial-level)
 - In this project, We leveraged machine learning and deep learning techniques to utilize metric data from an open-source project as input. Through time series classification methods, We aimed to predict whether the project would remain active in future. Furthermore, we explored relevant indicators for assessing the project's activity status.
- **Universal model for multiple video understanding tasks** 2023
The third author Nanjing University
 - The paper has been submitted to CVPR(Conference on Computer Vision and Pattern Recognition), and we are awaiting the results.
 - More information will be provided once the results are available.

ACHIEVEMENTS

- **Activity Forecasting Project** 2023
Team Leader Nanjing University
 - We have successfully employed machine learning and deep learning algorithms to predict the activity levels of our project, achieving notable results. In collaboration with OSS Compass community and Huawei, our achievements have been integrated into the OSS Compass community. To experience this, please visit [here](#), where you can predict project activity levels. Additionally, we have published technical documentation, which can be viewed [here](#).

TECHNICAL SKILLS AND INTERESTS

Programming: C, C++, Python, Java.

Areas of Interest: Machine Learning and Deep Learning, especially Computer Vision and Time Series Classification.