

Stanford



Yize Liu

Ph.D. Student in Electrical Engineering, admitted Autumn 2025

Bio

EDUCATION AND CERTIFICATIONS

- Minor, Chu Kochen Honors College and School of Management, Zhejiang University , Innovation and Entrepreneurship (2025)
- B.Eng, Zhejiang University , Electronic Science and Technology (2025)

LINKS

- My Personal Site: <https://yzliu84.github.io/>

Professional

WORK EXPERIENCE

- Research Assistant - Massachusetts Institute of Technology (July 1, 2024 - 12/31/2024)

Publications

PUBLICATIONS

- **Bio-plausible reconfigurable spiking neuron for neuromorphic computing.** *Science advances*
Xiao, Y., Liu, Y., Zhang, B., Chen, P., Zhu, H., He, E., Zhao, J., Huo, W., Jin, X., Zhang, X., Jiang, H., Ma, D., Zheng, et al
2025; 11 (6): eadr6733
- **Variation-resilient spike-timing-dependent plasticity in memristors using bursting neuron circuit** *NEUROMORPHIC COMPUTING AND ENGINEERING*
Liu, Y., Zhao, J., Xiao, Y., Chen, P., Chen, H., He, E., Lin, P., Pan, G.
2025; 5 (2)