



## Kenny Jia

Ph.D. Student in Physics, admitted Autumn 2023

### Bio

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#### EDUCATION AND CERTIFICATIONS

- B.Sc., University of Wisconsin-Madison , Math and Physics (2023)

### Publications

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#### PUBLICATIONS

- **Variational autoencoders for at-source data reduction and anomaly detection in high energy particle detectors** *MACHINE LEARNING-SCIENCE AND TECHNOLOGY*  
Yue, A., Jia, H., Gonski, J.  
2025; 6 (3)
- **Muon Collider Forum report** *JOURNAL OF INSTRUMENTATION*  
Black, K. M., Jindariani, S., Li, D., Maltoni, F., Meade, P., Stratakis, D., Acosta, D., Agarwal, R., Agashe, K., Aime, C., Ally, D., Apresyan, A., Apyan, et al  
2024; 19 (2)
- **Embedded FPGA developments in 130 nm and 28 nm CMOS for machine learning in particle detector readout** *Journal of Instrumentation*  
Gonski, J., Gupta, A., Jia, H., Kim, H., Rota, L., Ruckman, L., Dragone, A., Herbst, R.  
2024; 19