

Stanford



Kaden Loring

Ph.D. Student in Applied Physics, admitted Autumn 2021

Bio

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Kaden Loring was born in Kansas and graduated high school in rural western Kansas. After high school, Mr. Loring accepted an athletic scholarship to St. Thomas University in Miami, FL where he ran cross country and track for two years. Between his second and third years of undergrad, Loring transferred to the University of Florida where he graduated in May 2020 with a B.S. in physics. Go Gators! Loring was awarded the 2020 NSF GRFP grant and, as an undergrad, the 2018 NOAA Hollings Scholarship.

He plans to specialize in experimental plasma physics during his time at Stanford with a concentration on the development of magnetic confinement fusion. Contributing to the realization of controlled nuclear fusion energy is Mr. Loring's central motivating factor for pursuing his PhD in Applied Physics. Nuclear fusion energy would significantly contribute to a globally carbon-neutral energy portfolio. Outside of academics, Loring enjoys competing in endurance sports (running/triathlon), hiking, other outdoors sports, and traveling.

HONORS AND AWARDS

- Graduate Research Fellowship Program, National Science Foundation (2020)

EDUCATION AND CERTIFICATIONS

- B.S., The University of Florida , Physics (2020)