

Stanford



Ross Alexander

- Masters Student in Aeronautics and Astronautics, admitted Autumn 2019
- Summer Institutes Instructor, Stanford Pre-Collegiate Studies Operations
- 📄 Curriculum Vitae available Online

Bio

BIO

Ross B. Alexander is a first-year graduate student at Stanford University pursuing a Master of Science in Aeronautics & Astronautics (M.S. 2021; Ph.D. 2024) and is also the recipient of a Stanford Graduate Fellowship (SGF) in Science & Engineering. Ross' future graduate research is focused on statistical machine learning, reinforcement learning, decision theory, autonomous driving, and human-centered autonomous systems. Ross earned his Bachelor of Science in Aerospace Engineering from Texas A&M University in May 2019. While at Texas A&M, Ross gained significant experience as a teaching assistant for several mathematics and aerospace courses over five semesters. Along with this, Ross acquired not only unique aerospace technical knowledge as a member of the Texas A&M University Sounding Rocketry Team for four years, but also valuable industry and research & development (R&D) experience through three summer internships at two different aerospace simulation R&D companies.

HONORS AND AWARDS

- Stanford Graduate Fellowship (SGF) in Science & Engineering, Stanford University (03/2019)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Journal referee, Journal of Artificial Intelligence Research (JAIR) (2020 - present)
- Member, Association for the Advancement of Artificial Intelligence (AAAI) (2019 - present)
- Member, American Institute of Aeronautics and Astronautics (AIAA) (2018 - present)
- Member, Institute of Electrical and Electronics Engineers (IEEE) (2019 - present)

EDUCATION AND CERTIFICATIONS

- B.S., Texas A&M University , Aerospace Engineering (2019)

LINKS

- Personal Website: <https://rbalexander.me>

Professional

WORK EXPERIENCE

- Machine Learning & Simulation Intern - CFD Research Corporation (5/2019 - 8/2019)
- Hypersonics Intern - CFD Research Corporation (5/2018 - 8/2018)
- Computational Analyst Intern - Corvid Technologies (5/2017 - 8/2017)