Stanford



Alexander Burns

Masters Student in Aeronautics and Astronautics, admitted Autumn 2026

Resume available Online

Bio

BIO

Incoming first year M.S. student in AeroAstro Engineering. Experiences as a GNC and Systems Engineer and as a Satellite Operator from internships at Starfish Space, Planet Labs, and ViaSat. Prior research in optimization methods through the LSDO Lab at UCSD, and significant collaborative and technical skills learned from multiple project teams.

HONORS AND AWARDS

- Magna Cum Laude (3.96), University of California, San Diego (06/12/2026)

EDUCATION AND CERTIFICATIONS

- Bachelor of Science, University of California, San Diego , Aerospace Engineering (2026)

LINKS

- Portfolio: https://ajburns.com/

Research & Scholarship

PROJECTS

- UCSD Capstone: Conceptual Design of a Blended Wing Body Aircraft - University of California, San Diego (1/5/2026 - 3/13/2026)

LAB AFFILIATIONS

- Simone D'Amico, Stanford Space Rendezvous Laboratory (9/22/2026)

Professional

WORK EXPERIENCE

- Guidance, Navigation, & Control Intern - Starfish Space (June 22, 2026 - August 21, 2026)
- Spacecraft Systems Engineering Intern - Planet Labs (June 23, 2025 - September 12, 2025)
- Satellite Operations Specialist - ViaSat (June 1, 2023 - June 1, 2025)