



Michael ANDERSON

CFD ENGINEER - SUSTAINABILITY INITIATIVES

CONTACT

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SKILLS

- CFD
- Sustainability
- Fluid Mechanics
- Simulation Techniques
- Team Collaboration
- Research

LANGUAGES

- English
- Spanish
- French

EDUCATION

**MASTER OF SCIENCE IN AEROSPACE
ENGINEERING, UNIVERSITY OF
CALIFORNIA, BERKELEY, 2017**

ACHIEVEMENTS

- Contributed to a project that reduced emissions by 25% in aircraft design.
- Recipient of the 'Sustainability in Engineering' award at GreenSky Aerospace.
- Published findings on sustainable design practices in a peer-reviewed journal.

WORK EXPERIENCE

CFD ENGINEER - SUSTAINABILITY INITIATIVES

GreenSky Aerospace
2020 - 2025

- Developed CFD models to assess environmental impact of aircraft.
- Collaborated on eco-friendly design projects with cross-functional teams.
- Utilized advanced simulation techniques to optimize fuel efficiency.
- Conducted lifecycle assessments to evaluate sustainability metrics.
- Presented findings to stakeholders to promote green technologies.
- Mentored interns on sustainability practices in engineering.

CFD RESEARCH ASSISTANT

University of California, Berkeley
2015 - 2020

- Assisted in research on bio-inspired aerodynamic designs.
- Conducted simulations to analyze fluid flow patterns.
- Supported the development of a research paper on sustainable designs.
- Collaborated with faculty on grant proposals for research funding.
- Maintained laboratory equipment for simulation studies.
- Engaged in outreach programs to promote sustainability awareness.