

# Jack Kisling

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## Education

Pacific Collegiate School – Santa Cruz  
High School Diploma – June 2021

Specialized Aviation – Watsonville (KWVI)  
Private Pilot Training, July 2020 – November 2020

California Polytechnic State University – San Luis Obispo (Cal Poly)  
Bachelor of Science in **Aerospace Engineering**, September 2022 – June 2025 (on track)

## Aerospace/Engineering Experience

**Boeing & Cal Poly - Cryogenic Fuels Research** Summer 2024

- Completed a summer undergraduate research project on cryogenic fuels for commercial aviation
- Developed a cryogenics research lab space on Cal Poly Campus
- Wrote safety documentation and test protocols for continued cryogenic fuels projects

**Experimental Aerodynamics** Spring 2023

- Performed low speed and supersonic wind tunnel experiments
- Used a variety of measurement techniques to analyze flows
- Developed MATLAB scripts to interpret data

## Leadership

**Cal Poly Sailing Team, Offshore Team Captain** Fall 2022 – Present

- Coordinated competitive development of the Cal Poly Offshore Sailing Team
- Built strong team with limited resources
- Beat US Coast Guard Academy three times and US Merchant Marine Academy once

## Work Experience

**County Clerk Department of Elections, Santa Cruz, CA** January 2020 – June 2023

- Led poll worker training
- Audited polling sites and ran election security protocols

**Racing Yacht *Peligroso*** July 2023

- Hired onto a crew of 6 to deliver a racing yacht from Honolulu to LA

**Boeing Advanced Concepts Lab** Summer 2024

- Developed new lab space for conducting experiments regarding cryogenic commercial aviation fuel

## Skills

**Computer:** MATLAB, SOLIDWORKS, ANSYS Fluent

**General:** Private Pilot, Team Building, Machine Shop Experience