

# Andrew Stieler

(830) 928-9693 • Kerrville, TX • andrew.stieler@outlook.com

## EDUCATION

### Texas A&M University

*Bachelor of Science in Aerospace Engineering*

*College of Engineering*

Study Abroad: Principles of Electrical Engineering at ECAM Lasalle in Lyon, France

Study Abroad: Aerothermodynamics and Propulsion at USP in São Carlos, Brazil

College Station, Texas

May 2024

Cumulative GPA: 3.83/4.00

### Texas A&M University

*Master of Science in Finance*

*Mays Business School*

College Station, Texas

May 2025

Cumulative GPA: In Progress

## PROFESSIONAL EXPERIENCE

### Teragonia

*Incoming Analyst Analytics Engineer*

Dallas, Texas

July 2025

### Garmin

*Aviation Programs Engineer Intern*

Kansas City, Kansas

May 2024 – August 2024

- Collaborated and lead meetings with customers and engineers for the development of concepts for complex avionics
- Programmed hardware for next-generation avionics systems, focusing on the rigging calibration interface for new aircraft
- Conducted analysis on the potential benefits of integrating AI into our current enterprise software to improve efficiency

*Aviation Systems Engineer Intern*

May 2023 – August 2023

- Programmed automated Python code to expedite tests of 250 parameters for flight data recorder and crew alerting systems
- Developed and maintained algorithms and software for sensor-system intensive FAA-certified avionics
- Fine-tuned electrical inputs on test benches to integrate avionics systems to gather discrete, digital, and analog inputs

### EnCap Flatrock Midstream

*Financial Analyst Intern*

Houston, Texas

February 2024 – May 2024

- Conducted detailed financial analysis on a proposed \$234 million processing plant and pipeline infrastructure project
- Developed comprehensive financial models to forecast project outcomes under various scenarios, and sensitivities
- Demonstrated how the integration of the new infrastructure with existing assets will create synergies for the future

### Private Pilot's License Training

*Student Pilot*

College Station, Texas

May 2022 – Present

- Engage in 60+ hours of flight training and ground school coursework towards requirements for a private pilot's license; acquire extensive knowledge of aerodynamics and aircraft performance of the Cessna 172 to assist in understanding flight
- Mentor 10 students in aviation class through 200 hours of flight simulation by working through real-life scenarios

### Gulf Avionics

*Technician Assistant*

Kerrville, Texas

May 2021 – August 2021

- Installed Garmin's pitch and roll servos, Garmin GFC 500 digital, Garmin G5, and GTN 650xi in a Cessna 182 to enable the aircraft for autopilot systems and upgrade the technology to allow for safer flights

## LEADERSHIP & INVOLVEMENT

### SAE AERO Design Team

*Treasurer*

College Station, Texas

March 2022 – Present

- Coordinated two teams through weekly team meetings and separation of tasks in a \$20,000 fundraising campaign
- Managed financial accounts and banking transactions by tracking all purchases, reimbursements and updating the balance sheet as well as the cash flow statement; resulted in a 30% under-budget performance
- Placed 1<sup>st</sup> out of 22 teams in the 2022, 2023, and 2024 SAE Aero Design International Competition

### Horizons – Finance Guild

*Member*

College Station, Texas

November 2023 – Present

- Developed an understanding of valuation and M&A processes through educational case studies and guest speakers
- Constructed and presented materials on financial modeling, accounting/finance concepts, and current economic events

## SKILLS, ACTIVITIES, & INTERESTS

**Skills:** Python, Wall Street Prep (Excel & PowerPoint), Solid Works, Tableau, CFA Investment Foundation

**Activities:** OL' AGS (President), Aggie Investment Club, Texas Flying Club, Stem to Stocks Guild, Wyldlife

**Interests:** SEC Sports, 42 Dominoes, Orchestra, Golf, Fly fishing, Building Computers