

# CHRISTOPHER B. MILLER, JR.

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## EDUCATION

**Dartmouth College**, Hanover, NH

**June 2028**

*Bachelor of Arts, Major in Engineering Sciences and Geography*

**GPA 3.85/4.0**

Activities: Dartmouth Transportation Society, Dartmouth Cycling Team, Alpha Chi Alpha

**Strake Jesuit College Preparatory**, Houston, TX

**May 2024**

Honors/Awards: Principal's Honor Roll ACT Score: 35

**GPA 4.38/4.0**

Activities: Debate, Finance Club

## EXPERIENCE

**Stronghold Investment Management**, Dallas, TX

**July-September 2025**

*Investment Associate Intern*

- Consolidated market intelligence and historical performance into management-ready materials for lender/partner talks.
- Reviewed large operator ownership structures and rights across select counties in an effort to leverage held asset portfolio.
- Prepared precedent transaction analyses and valuation bridges for PortCo to find recovery potential and future strategies.
- Identified and ranked distressed/underperforming battery units in ERCOT via unit-level cash generation, price/volume sensitivities, and downside cases to guide triage and outreach.
- Streamlined workflows in Excel and leveraged LLMs for draft analyses, improving turnaround time on deliverables.

**Dartmouth Thayer School of Engineering**, Hanover, NH

**January-June 2025**

*First-Year Research Intern*

- Working on Data Science for Transportation Planning and Operations project under Professor Vikrant Vaze.
- Programming to match population data with demand for micro-mobility services such as CitiBikes.
- Leveraging operations research to make transportation systems more effective and more profitable.
- Familiarizing myself with the field of operations research. Enhancing algorithms to make them more effective.

**SaferCycling**, Houston, TX

**November 2022-May 2023**

*Founder*

- Created a website for cyclists to evaluate the safety of roadways following the death of a team member in a bike crash.
- Taught myself how to make a website from YouTube and AI.
- Researched different data sources such as Google Earth movement datasets, Mapbox traffic datasets, and Dept. of Transportation vehicle counts.

## ACTIVITIES

**Endurance Cycling**, Houston, TX

**May 2023-Present**

*Athlete*

- Rode solo and self-supported from Seattle to San Diego in summer 2025 (12 days); 1,700 miles, 80,000 feet of elevation.
  - Challenged myself to ride 12+ hours each day; honed my ability to endure hard times alone and overcome mental struggles as well as solving pressing logistical problems on the spot like being stranded in the desert.
- Rode self-supported from Mexico to Canada in summer 2024 (38 days); 2,500 miles, 250,000 feet of elevation.
  - Persevered through challenging terrain and conditions; Vast majority of the trail is off-road in the wilderness, requiring thoughtful planning and adapting to changing conditions and obstacles in life-threatening situations.
- Rode from Savannah, GA to Los Angeles, CA in summer 2023 (35 days); 3,000 miles, 150,000 feet of elevation.
  - Learned to deal with challenges and overcoming obstacles, both as a cycling team and solo
- Additional cycling achievements: 900 mile Portland, OR to San Francisco, CA ride; 167 miles completed in Unbound Gravel race (18 hours); 160 mile Houston to Austin, TX (17 hours) ride; 145 mile ride to Middlebury College (12 hours).

**Dartmouth Transportation Society**, Hanover, NH

**September 2024-Present**

*President/Founder*

- Connecting faculty across departments to cultivate interdisciplinary learning experiences.
- Currently attending and speaking at town hall meetings to petition for raised intersections.
- Advocating for critical improvements to Dartmouth and Hanover infrastructure and road design.

**BikeHouston**, Houston, TX

**January-August 2024**

*Volunteer*

- Worked within my community to address mobility needs in underdeveloped parts of the city. Advocated for change at town hall meetings. Ran bike valet program to help reduce congestion at Houston Dynamo soccer games.

## SKILLS AND INTERESTS

Technical: Java, HTML, CAD

Languages: Spanish (conversational)

Miscellaneous: Member of National Ski Patrol, Building '65 Shelby Cobra