

# Mason Mock

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## EDUCATION

### Texas A&M University

*Master of Science in Finance  
Mays Business School*

**College Station, Texas**

*December 2027*

GPA: In Progress

### Texas A&M University

*Bachelor of Science in Computer Science  
College of Engineering*

**College Station, Texas**

*December 2026*

GPA: 3.80/4.00 | SAT: 1580

Honors: Craig & Galen Brown Engineering Honors

Study Abroad: MSC Conway-Fitzhugh International Leadership Seminar (Italy)

## PROFESSIONAL EXPERIENCE

### Valero Energy Corp.

*Business Analyst Intern (Commodities & Energy Trading)*

**San Antonio, Texas**

*May 2025 – August 2025*

- Designed a technical framework for a proprietary SAP S/4HANA application by gathering business requirements from key stakeholders and mapping database relationships in SQL, enabling the automation of 1,040 hours of scheduling tasks annually
- Delivered \$110k+ in annual cost savings by equipping traders with timely data to improve hedge accuracy and risk mitigation

### Texas A&M University J. Mike Walker '66 Department of Mechanical Engineering

*Undergraduate Research Assistant*

**College Station, Texas**

*December 2023 – Present*

- Leveraged Python to develop 2 machine learning models that extrapolate the results of nano-scale material tests, enabling the US Army to accurately assess material suitability on a macroscopic scale while minimizing material-related R&D expenses
- Created a visualization tool to streamline the analysis of material characteristics and accommodate non-technical stakeholders

### Caterpillar Inc.

*Product Management Intern (Computer Vision & Safety Technologies)*

**Peoria, Illinois**

*May 2024 – August 2024*

- Designed product brochures and reference guides for distribution to 160 Caterpillar dealerships across the world, supporting the marketing and sale of aftermarket technology kits such as Caterpillar's line of AI-integrated safety vision systems
- Facilitated collaboration between the collision detection, GPS tracking, and Cloud services teams, leading to the development of a geotagging feature that helps site supervisors identify high-risk areas on job sites by mapping accidents and near misses

### Intellectual Property Electronic Intuition (IPELINT) Inc.

*Software Engineering Intern*

**Remote**

*January 2024 – May 2024*

- Engineered and deployed a Python-based API scraper to collect image and classification data from 3M+ USPTO trademarks
- Structured a MongoDB database to store scraped data and support training of IPELINT's AI-driven trademark analysis tool

### Frost & Sullivan

*Strategy Consulting Intern*

**San Antonio, Texas**

*May 2022 – August 2022*

- Forecasted trend growth and assessed competitor adoption of 50+ emerging technologies for an F50 energy/mining client
- Compiled baseline infrastructure and policy data for a Mexican state government, informing the development of a 5-year roadmap to enhance the state's FDI potential, foster a stronger startup ecosystem, and ultimately drive economic growth

## LEADERSHIP & INVOLVEMENT

### Memorial Student Center Council (MSC Council)

*Executive Vice President of Business*

**College Station, Texas**

*April 2025 – Present*

- Allocated a \$4M+ budget across 17 student committees, aligning funding with strategic needs to drive growth and expansion
- Oversaw a rebranding campaign, establishing a uniform visual identity by securing approval for new logos and merchandise

### Texas A&M Consulting Group

*Vice President*

**College Station, Texas**

*April 2025 – Present*

- Developed a full-stack JavaScript solution to track attendance for 70+ members, reducing time spent per meeting by 90%+

## SKILLS, ACTIVITIES & INTERESTS

**Technical Skills:** SQL, Visual Basic, SAP S/4HANA, S&P Capital IQ Pro, Visio, Tableau, Python, JavaScript, HTML, Airtable

**Certifications & Training:** Wall Street Prep Excel, Wall Street Prep PowerPoint, CFA Investment Foundations

**Awards:** Craig & Galen Brown Foundation Scholar, President's Endowed Scholar, National Merit Scholar, Valedictorian

**Activities:** TAMU BUILD, Big Event, Horizons Consulting Guild, TEDxTAMU, MSC Spencer Leadership Conference

**Interests:** Backpacking, Chess, Scuba Diving, Basketball, Country Concerts, Mediterranean Cuisine, Racquetball, Theology