

Nathan Brooks

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EDUCATION

Texas A&M University

*Master of Science in Quantitative Finance
Mays Business School*

College Station, Texas

May 2027

Cumulative GPA: 3.70/4.00

Texas A&M University

*Bachelor of Science in Computer Science
College of Engineering*

College Station, Texas

May 2026

Cumulative GPA: 3.46/4.00

PROFESSIONAL EXPERIENCE

Sompo

Surety Intern

Houston, Texas

June 2025 – August 2025

- Analyzed upstream and midstream oil & gas company financials to support surety bond underwriting decisions
- Constructed account summaries to aggregate risk factors and provide opinion on future exposure limits
- Modeled reserve portfolios using Excel to project future cash flows and stress test pricing environment flexibility
- Participated in meetings with brokers to discuss client information, risk appetite and process new bond submissions

The Knight School

Senior Coach

Houston/College Station, Texas

May 2023 – May 2025

- Organized and led week-long chess camps spanning 7 hours daily as well as 90-minute classes for 40 students aged 4-12
- Developed and implemented over 60 comprehensive lesson plans and engaging activities to cover substantial learning material, ensuring sustained student focus, participation and enjoyment
- Managed activities and supplies for all camps in northwest Houston, overseeing a team of over 12 coaches
- Delegated tasks effectively and made confident decisions to guide student behavior and promote a healthy learning environment while minimizing distractions and interruptions
- Coordinated and facilitated over 30 video lessons for both individual and group chess instruction applications

LEADERSHIP & INVOLVEMENT

A-Line Magazine

Editor-in-Chief

College Station, Texas

January 2023 – Present

- Composed 13 full length editorial pieces on a wide variety of topics for use in both web and print applications in addition to being responsible for weekly newsletters covering news, events, and subject pieces with a subscriber base of over 250 readers
- Sat on an executive team overseeing the full magazine staff of over 60 members as Editor-in-Chief and personally managed a team of nine writers, making executive decisions on writer applications, articles, and all outwardly facing content
- Conceptualized and pitched over 15 presentations on print issue themes, structures, and new article ideas at full staff meetings
- Directed and worked with teams of photographers, videographers, models, graphic designers and social media managers for over 15 social media campaigns focused on fashion and lifestyle
- Modeled for four photoshoots to be used in web, print, and advertisement mediums

Klein Cain Marching Band

Percussion Captain

Spring, Texas

June 2020 – May 2022

- Supervised and mentored over 40 students in marching/concert band, orchestra, and percussion music settings
- Coordinated and taught over 50 rehearsals in individual, small group, and large group settings to students from 4th to 12th grade
- Composed and integrated percussion arrangements for application in full band performance settings

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Full stack/Frontend Development, Agile, Python, NumPy, Pandas, Scikit-learn, Java/JS, React.js, Node.js, C/C#/C++, SQL, Postgres, HTML, CSS, R, Haskell, Assembly, Git, Docker, Machine Learning, Data Analytics, Data Visualization, Circuit Design

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

Activities: Rock Climbing, Drum set and Piano Performance, Music Composition and Production

Interests: Chess, Creative Writing, Reading, Psychology, Juggling, Fashion