# Riley Blackburn

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## EDUCATION

**Texas A&M University**                                                                                        **College Station, Texas**
*College of Engineering, Mays Business School*                                                                  *May 2025*
*Bachelor of Science in Industrial & Systems Engineering*                                                       *Cumulative GPA: 3.11/4.00*
*Master of Science in Finance*                                                                                  *Cumulative GPA: In Progress*

## PROFESSIONAL EXPERIENCE

**Ryan, LLC**                                                                                                   **Houston, Texas**
*Incoming Severance Tax Consultant*                                                                             *June 2025*

*Severance Tax Consultant Intern*                                                                               *June 2024 – August 2024*
- Created a PowerBI application that visualized individual clients' monthly changes resulting in quicker trend and anomaly detection resulting in adoption across other teams; application uses 230,000 individual records and is updated monthly
- Performed analysis with client data to determine a prospective tax rate to claim for the following year, extracted multiple complex datasets from client's ERP system and used machine analysis to ensure data validity and accuracy saving $300,000
- Created Excel VBA automations to quickly format, cut, and filter complex spreadsheets to increase efficiency resulting in adoption by other team members
- Introduced and taught team how to use new automation software cutting down redundant tasks such as keying in PDFs, merging and arranging files, running multiple programs concurrently

**Hiller Measurement Inc.**                                                                                     **Dripping Springs, Texas**
*Financial and Manufacturing Improvement Intern, Remote Consultant*              *May 2023 - August 2023, August 2023 - Present*
- Collaborated with COO to overhaul the production planning SOP, performed hundreds of efficiency analyses to diagnose and rectify faults in manufacturing related to purchasing; designed new SOP using a Lean Six Sigma framework
- Created program to extract time study data from ERP software and perform linear interpolation to highlight inefficiencies in the manufacturing chain, resulting in changes that improved the design to ship timeline by 15%
- Cooperated with executive staff on PowerBI and Excel automation projects; used SharePoint to streamline sales collaboration culminating in $1.5M in contracts signed after changes were implemented

**Freelance Data Analyst and Excel Consultant**                                                                 **College Station, Texas**
*Personal Position*                                                                                            *June 2023 – Present*
- Partnered with over 40 clients throughout the USA, creating and refining data analytics tools, providing advanced computation via programming and data visualization to bolster data driven decision making capabilities
- Leveraging STEM derived mathematics and statistics to shape complex datasets into insightful conclusions, using Excel to create streamlined models that empower data efficiency, reliability, and productivity

## LEADERSHIP & INVOLVEMENT

**Corps of Cadets**                                                                                            **College Station, Texas**
*Public Relations Officer, Finance Officer*                                                                     *August 2022 – Present*
- Carried out the planning and coordination of the venue, catering, and activities for organization events and banquets
- Maintained and managed the organization's financial account by ensuring deposits and withdrawals are ethical and accurate; monitored, assessed and reported account balances and recommend usage leading to a $2K excess of annual financial goal

**Parsons Mounted Cavalry**                                                                                     **College Station, Texas**
*Logistics Officer*                                                                                            *August 2022 – Present*
- Oversee tasks related to training and veterinary care for a herd of 70 donated and rescue horses; plan rides and safety logistics for events where attendance exceeds 60,000 people

**The Big Event**                                                                                              **College Station, Texas**
*Volunteer Coordinator*                                                                                        *April 2021 – April 2022*
- Planned group participation and organized registration, resulting in over 40 volunteers with a 100% registration rate

## SKILLS, ACTIVITIES & INTERESTS

**Technical Skills**: Python, Microsoft Office, VBA, Alteryx, PowerBI, Database Analytics
**Certifications & Training:** Hollingsworth Leadership Center, Stanford Machine Learning Foundations, CFA Investment Foundations, Wall Street Prep Excel and PowerPoint
**Activities**: Aggie Investment Club, Golf, Lacrosse, Car Restoration, Computer Building, Horseback Riding, Guitar, Harmonica
**Interests**: Travel, Psychology, Auto Sports, Space Travel, Entrepreneurship, Environmentalism, Lifestyle Management