

# Wiley Post

(830) 832-3462 • New Braunfels, TX • wileyrussell13@gmail.com

## EDUCATION

---

### Texas A&M University

Master of Science in Finance  
Mays Business School

College Station, Texas

May 2028

Cumulative GPA: In Progress

### Texas A&M University

Bachelor of Science in Mechanical Engineering  
College of Engineering

College Station, Texas

May 2027

Cumulative GPA: 3.75/4.00

## PROFESSIONAL EXPERIENCE

---

### HMT Engineering and Surveying

Intern

New Braunfels, Texas

May 2025 – August 2025

- Engineered 4 Excel-based models for fluid mechanics calculations including Manning's equation for channel flow depth, hydraulic grade line analysis for gravity-fed sewer systems, and cost estimation models for municipal infrastructure bids
- Performed 10+ field surveys utilizing differential GPS technology (sub-centimeter accuracy) for boundary determination, topographic mapping, and construction staking
- Updated engineering drawings and technical documentation to comply with municipal design standards and building codes

### Aggieland Cycling

Mechanic

College Station, Texas

August 2024 – December 2025

- Diagnosed and repaired complex mechanical systems across 200+ bicycle models, performing up to 30 repairs per shift including drivetrain overhauls, hydraulic brake bleeding and adjustment, suspension fork servicing, and precision wheel truing
- Applied systematic troubleshooting methodology to identify failure modes in bearing assemblies, cable tension systems, and pivot mechanisms, implementing root cause corrective actions
- Gained hands-on experience with precision measurement tools (dial indicators, torque wrenches) and mechanical assembly procedures requiring tight tolerance specifications

### New Braunfels Cabinetry

Solo Workshop Employee

New Braunfels, Texas

May 2023 – August 2023

- Programmed and operated 3-axis CNC mill to machine custom cabinet components from birch sheet stock, maintaining dimensional tolerances within  $\pm 0.5\text{mm}$  across multiple operations
- Managed complete manufacturing workflow including material handling, G-code verification, edge-banding application, and assembly fixtures, producing up to 20 finished units per shift
- Improved workshop efficiency by 25% by redesigning material flow patterns, implementing 5S workplace organization, and reducing setup time between production runs

### TBarM Camps and Retreats

Operations Lead

New Braunfels, Texas

May 2024 – August 2024

- Re-engineered camper pickup logistics, reducing time by 70% (60 to 18 minutes) while eliminating traffic safety hazards
- Developed optimized vehicle routing solution for 250 vehicles in 140-space lot using spatial planning analysis

## LEADERSHIP & INVOLVEMENT

---

### Impact Retreats

Counselor

College Station, Texas

January 2024 – December 2024

- Mentored groups of 10+ first-year engineering students in academic transition and leadership development

### FREE (Freshman Reaching Excellence in Engineering)

Fundraiser Planner, Ambassador

College Station, Texas

November 2023 – May 2025

- Designed and constructed 10'x11'x12' freestanding wooden structure for Habitat for Humanity fundraiser, applying structural analysis and building code requirements

## SKILLS, ACTIVITIES & INTERESTS

---

**Languages:** Conversational Spanish

**Technical Skills:** JavaScript, Python, Excel, SolidWorks, Civil3D

**Certifications & Training:** Wall Street Prep Excel, Wall Street Prep PowerPoint, Khan Academy Finance and Capital Markets

**Activities:** Intramural Soccer and Ultimate Frisbee, Church Core Team, Odd Jobs

**Interests:** Soccer, Biking, Family, Snowboarding