

Pablo Bayon-Barrera

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EDUCATION

Texas A&M University

*Master of Science in Finance
Mays Business School*

College Station, Texas

May 2025

Cumulative GPA: In Progress

Texas A&M University

*Bachelor of Science in Civil Engineering
College of Engineering*

College Station, Texas

May 2024

Cumulative GPA: 3.30/4.00

Honors: National Hispanic Merit Scholar

PROFESSIONAL EXPERIENCE

Kroll

Incoming Expert Services Intern

Houston, Texas

May 2023 – August 2023

Baxter & Woodman Consulting Engineers

Water Engineering Intern

Houston, Texas

May 2022 – August 2022

- Assisted engineers to analyze and review project design specs of water infrastructure materials for City of Magnolia, ensuring adequate standards; evaluated, studied, and assisted with design of treatment plants, potable water pipes, and lift stations
- Conducted fieldwork and design of City of Conroe's water and wastewater system rehabilitation to adhere to drainage outfall stations codes and assess encroachments; formed a mitigation plan to take action
- Managed on-site construction projects through site inspection, quantity computation, and contractor communication; conducted regular tests and numerical computations on construction process to ensure progress was up to code and able to pass the City of Houston regulation inspections

Sierra Nevada Homes

Construction Management Intern

Spring, Texas

May 2021 – August 2021

- Coordinated with City of Houston and Texas Professional Engineering Firm on execution of a feasibility study for the development of 11 acres of residential properties to verify sustainability of proper utilities; developed a feasibility plan for City of Houston to maintain utility usage needed for the development
- Research usage of lite-crete and modular block building methods from Hebel building solutions and Eco-Building System Corp; resulting in potential lowering of costs by ~ 5% and increasing the diversity and sustainability of building materials
- Analyzed price, turnaround time, efficiency, and likelihood of City of Houston approvals and recommended use of masonry block buildings; implementation led to lower quoted homes and decreased construction time

LEADERSHIP & INVOLVEMENT

Delta Kappa Epsilon

President

College Station, Texas

May 2022 – Present

- Manage day-to-day operations, oversee 6 officers, and lead weekly chapter meetings to relay information to 70+ members; ensure goal setting for philanthropy and rush initiatives and financial
- Gained vital insight into people management and how to successfully move people towards a common goal by communicating benefits of reaching goals and implementing reward systems to incentivize members

Treasurer

May 2021 – May 2022

- Led budgeting and bookkeeping of \$150,000+ annual budget by drafting an Excel sheet to track expenditures; successfully budgeted and allocated funds for all semesterly expenditures whilst holding a surplus
- Reduced chapter housing debt liability by restructuring previously used budgets and reassessing needed functioning assets, resulting in a 40% decrease of debt liability to work towards goal of acquiring the property

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Microsoft Office Suite, Python Script & Fluent in Spanish

Certifications & Training: Texas licensed realtor (license #74125), Wall Street Prep Excel & PowerPoint

Awards: Eagle Scout, Delta Kappa Epsilon Phi Award

Activities: Delta Kappa Epsilon Fraternity, Medical Bridges

Interests: Real Estate, Volunteering, Healthcare & Fitness, Music, Golf