

Barton Melder

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EDUCATION

Texas A&M University, Mays Business School
Master of Business Administration

College Station, Texas
August 2027

University Name
Bachelor of Science in Civil Engineering
Minor in Engineering Project Management
GPA: 3.61/4.0

College Station, Texas
May 2026

EXPERIENCE

Schultz Engineering

Design Intern

College Station, Texas
March 2026– July 2026

- Developed detailed construction drawing for large 12 building multifamily development and Phase 1 of a planned single-family residential development in Bryan-College Station area
- Designed stormwater drainage systems for proposed residential neighborhoods comprising approximately 20 one-acre lots, supporting effective site drainage and flood impact mitigation
- Conducted quality-control review of construction documents to ensure accuracy, consistency, and bid-ready deliverables

Walker Partners

Summer Design Intern

Waco, Texas
May 2025 – July 2025

- Contributed to the development of civil construction plans and estimate for roadway, utility, and site development projects associated with Phase 1 of downtown Waco's redevelopment approximately \$70 million in infrastructure cost
- Utilized Autodesk Civil 3D, Bluebeam and Microsoft excel to prepare three engineer's cost estimates for construction projects of varying cost and scope

Lockwood Andrews and Newman

Summer Design Intern

College Station, Texas
June 2024 – August 2024

- Created surfaces in Civil 3D to model sediment, create construction plans, and estimate quantities for removal of sediment in Little Cypress Creek to return to pre hurricane Harvey flows to reduce flooding impacts
- Collaborated with cross-functional teams to evaluate detention solutions and alternatives to support flood-mitigation planning for Houston projects

LJA Engineering

Summer Intern, Construction Engineering and Inspection

Conroe, Texas
May 2023 – August 2023

- Monitored construction progress, schedules, and budgets across a three-segment, approximately \$62 million SH 105 project delivered by three contractors
- Inspected utility and roadway construction to verify compliance with TxDOT specifications and coordinated with construction teams and utility contractors to minimize impact on surrounding residents

INVOLVEMENT

Construction Science Commercial Building Team ASC Region 5 (2nd Place)

Team Member

College Station, Texas
December 2026 – February 2026

- Collaborated with five construction science students to develop a proposal, site logistics and estimate for a real-world construction project, while competing against various colleges from around the nation
- Presented proposal to project managers and superintendents resulting in winning 2nd place

SKILLS, ACTIVITIES

Technical Skills: Civil 3D, Bluebeam

Activities: American Society of Civil Engineers, Ireland Study Abroad