Brant Pollock

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EDUCATION

Texas A&M University, Mays Business School College Station, Texas
Master of Business Administration August 2027

Texas A&M University, College of Engineering College Station, Texas
Bachelor of Science in Mechanical Engineering May 2026
GPA: 3.6/4.0
Honors**:** Cum Laude

EXPERIENCE

Primoris Services Corporation Houston, Texas
Mechanical Engineering Intern Summer 2024

- Partnered with the lead mechanical engineer to perform engineering calculations, markup P&IDs and process flow diagrams in Bluebeam, and prepare technical documentation supporting a $500M water treatment plant project proposal
- Compiled Bills of Materials and technical data sheets, then coordinated directly with vendors alongside the lead engineer to attend vendor meetings, prepare Requests for Quotation (RFQs), and lead technical bid evaluations (TBEs) on vendor quotes for an estimated $300M in midstream pipeline projects
- Referenced industry codes and standards to calculate piping insulation values, authoring a standalone go-by specification sheet for Tallgrass Energy that tied material selection to economic cost and energy-efficiency tradeoffs

Farm League Sporting Complex Spring, Texas
Cashier, Manager, Park Operations Manager April 2021 – May 2024

- Directed operations across 13 football fields and 6 baseball fields, coordinating logistics with 7 vendors during high volume events, including an NFL flag football tournament
- Advanced from Cashier to Manager to Park Operations Manager over 3 years, taking on progressively greater responsibility for facility operations and event execution

LEADERSHIP & INVOLVEMENT

Fluid Mixing at Extreme Conditions Laboratory, Texas A&M University College Station, Texas
Senior Capstone Design Engineer August 2025 – May 2026

- Collaborated with a team of 6 to design and manufacture an ultra-fast electromagnetic isolation valve for Texas A&M's FMECL, achieving a validated closing time of 19.15 ms against a 20 ms sponsor set requirement, protecting $3,000 wafers from 12 MPa shockwave exposure

TAMU BUILD College Station, Texas
Operations Command Team August 2023 – May 2024

- Designed and fabricated 6 medical clinics from repurposed shipping containers, engineering structural and logistical solutions for delivery to underserved communities across multiple countries

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Python, MATLAB, Simulink, LabVIEW, SolidWorks
Activities: TAMU American Society of Mechanical Engineers, TAMU Society of Automotive Engineers, TAMU Professional Association of Industrial Distribution, TAMU Build
Interests: Automotive Design, Operations, Structural Design, System Engineering, Automation, DIY Engineering