

# Will Vass

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## EDUCATION

**Texas A&M University**, College Station, Texas

M.S. Industrial & Systems Engineering, Accelerated 4+1 Program

Expected May 2028

B.S. Industrial & Systems Engineering, Math Minor

GPA: 3.65 | Expected May 2027

## WORK EXPERIENCE

**IBP Industrial Engineering Intern**, Bell Flight, Hurst, TX

Jun 2026 – Aug 2026

*Key Skills:* Kinaxis Maestro, SQL, Master Production Scheduling, SIOP, Project Management

- Built a Kinaxis Maestro script to redistribute past-due orders into future production, creating a suggested production schedule to help planners identify a recovery path with consistent rates
- Analyzed production routings for 150+ MPS parts to quantify value-added vs. non-value-added time, filtering inaccurate routings and reporting worst cases
- Quantified labor hours per aircraft across five Bell models (407, 412, 429, 505, 525) to support production mix trade-off analysis; data was presented to site leadership at Mirabel, QC facility
- Documented and reconciled divergent workflows of individual planners used for production alignment, consolidating them into a single standardized process used by the level loading team

**Industrial Sales Intern**, Bearing Distributors, Inc. (BDI), Irving, TX

May 2025 – Aug 2025

*Key Skills:* SAP ERP, Shipping & Receiving Operations, Technical Communication and Sales

- Planned and directed a two-day distribution center sales blitz: screened prospects using satellite imagery, partitioned accounts into two regions, assigned 6 outside salesmen by account familiarity and strengths, and built team routes; generated opportunities to quote \$50,000+ in products
- Rode sales calls to production facilities (General Motors, Amazon, Kohl's, and James Hardie), working with site leaders to diagnose equipment problems and match them to catalog products
- Owned a daily delinquent delivery report in SAP, tracking overdue inbound shipments, confirming status with suppliers, and issuing revised ETAs to affected customers
- Oversaw branch shipping and receiving, handling inbound receipts, order pulling, shelving, outbound shipments, and inventory cycle counts

## PROJECTS

**IISE Operations Research Hackathon**

Feb 2026 – May 2026

*Key Skills:* V&V testing, Stochastic Optimization, Bayesian Forecasting, AMPL/Gurobi, Python

- Led a student team in building a multidisciplinary medical staff scheduling and planning tool
- Automated data processing, validation, and performance reporting using Python scripts
- Presented application at IISE Conference; tied for 2<sup>nd</sup> place among international competitors

**Artemis II Orion Capsule Recovery Management Plan Final Project**

Apr 2026 – May 2026

*Key Skills:* Creation of PMPs, SEMP, WBSs, Gantt Charts, and Risk Mitigation Plans

- Built a NASA-style project and systems engineering plan for Orion capsule recovery, authoring the WBS, schedule, risk/FMEA framework, quality and test plans, and change control process

## LEADERSHIP

**Oasis TAMU Volunteer**

Mar 2024 – Present

- Plan and staff weekly events connecting international students with American volunteers; serve on the volunteer leadership team

**College of Engineering Peer Mentor**

Aug 2025 – Dec 2025

- Coordinated with professor to create weekly "Intro to Engineering" classes for freshmen
- Hosted 20+ 1-on-1 meetings with students, sharing advice for academic and personal success
- Received positive student feedback, with 13/13 reporting that I fostered an effective learning environment and 12/13 reporting that I improved their transition to Texas A&M Engineering

**Let's get in touch!**

