

PASCAL STEVENS

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EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN

December 2027

B.S. Mechanical Engineering Honors

GPA: 3.89

International Business Minor, Smart City Certificate, Concentration on Engineering & Supply Systems

Coursework: Basic Engineering Principles, Engineering Design Methodology, International Business Practices

WORK EXPERIENCE

ENGINEERING PROGRAM MANAGEMENT INTERN, Apple

January 2026 – August 2026

- Led cross-functional alignment across 12 teams and 4 SKUs on a new product introduction (NPI) iPad program, identifying, communicating, and resolving 6 design, vendor, and schedule risks with no impact to program schedule
- Analyzed workflows, identified manual-work bottlenecks, and built AI tools (Claude Code skills, agents, applications) to speed up daily tasks without sacrificing quality or accuracy; onboarded 15 EPMs and trained 300 attendees across 7 LOBs
- Drove vendor sourcing and qualification for 100+ designs and 100K+ piece parts across 12 vendors, resolving root quality issues to lift underperforming vendor yield 60% and qualifying a cost-neutral, schedule-neutral late-stage vendor swap
- Accelerated engineering cycles using critical-path compression tactics (faster testing/shipping cadence, parallel material drive, etc.), pulling in build validation results by 9 weeks while saving 15 weeks of production time program-wide

MECHANICAL ENGINEERING INTERN, Arup

June 2025 – August 2025

- Delivered HVAC load calculations, Revit/Bluebeam models, and AHU sizing across 9 regional projects, auditing piping and VAV/FCU connections and coordinating contractor corrective actions that prevented downstream construction issues
- Developed AI workflows to identify space types, write Python scripts for data visualization, and automate GPM/VAV coil tagging, driving a companywide AI-adoption plan targeting 10% productivity gains across the Americas by 2026

FOUNDER, Consult It Robo TX LLC

August 2024 – January 2026

- Advised 22 students and 4 employees, streamlining operational structure through 17 process documents on outreach, management, mentorship, \$500,000+ budget allocation, and culture, achieving an 8% expense reduction in 2025
- Designed 2-year strategic plans with clear deliverables, ensuring continuity and protecting long-term values of the client

PRESIDENT OF ADMINISTRATION & RECRUITMENT, Texas Delta Upsilon

August 2023 – January 2026

- Ran operations for 78 members and contacted 1000+ PNMs, yielding 60% chapter growth via a cost-efficient rush cycle
- Oversaw \$100,000+ budget, drafting and distributing contracts, reimbursements, and funds for 17 events of 300+ people

FOUNDER & PRESIDENT, Ignite Robotics

May 2021 – May 2023

- Led the PNW largest robotics org, growing budget 5x to \$400K+, 240+ students, 12 staff, and 7 events of 1,000+ people

RESEARCH

RESEARCH ASSISTANT, ANDREW FIX, UT AUSTIN

January 2025 – January 2026

- Built a MATLAB model to evaluate heat flux and thermal energy storage in PCM insulation material, using time-dependent thermal resistance to capture phase transitions, with sensitivity analysis on Cp and k to quantify efficiency
- Automated data integration for 83 PCM materials across multiple U.S. climate and time variable pricing models, allowing scalable testing of daily thermal performance and cost analysis with live fluctuating energy market data

RESEARCH ASSISTANT, TANYA HUTTER, UT AUSTIN

January 2024 – May 2024

- Built a VOC sensor array connected to Raspberry Pi live-updating C++ backend, to track 9 unique wildfire gas signatures

ADDITIONAL

- Tools & Technical Skills: Claude Code, Revit, Bluebeam, MATLAB, Python, Java, C++, SOLIDWORKS, Inventor
- Honors: Cockrell School of Engineering High Honors (2024), Washington State Academics Honors Award (2023)
- Hobbies: Sailing, running, backpacking, Longhorns & Seahawks football, pretzels (sticks only), travel photography