

Ethan Meza

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EDUCATION

Texas A&M University
B.S. General Engineering — Computer Science (ETAM entry Spring 2027)

- GPA: 3.65/4.00
- Relevant Coursework: CSCE 120 (Program Design & Concepts), ENGR 102 (Engineering Lab), MATH 151 (Calculus I)

College Station, TX
Aug 2025 — May 2029

LEADERSHIP & EXPERIENCE

Technology & Programs Intern
Frisco Public Library

May 2026 — Jul 2026
Frisco, TX

- Owned youth and technology programs end to end — set goals, built schedules, coordinated staff and materials, and ran events drawing 300+ attendees at peak.
- Partnered with librarians and department leads across branches to align programming with community demand and available resources.
- Managed digital resources and equipment troubleshooting, keeping public-facing technology reliable during high-attendance events.
- Documented recurring workflows and onboarded new guests, reducing repeat questions and handoff friction between shifts.

Secretary, Executive Board
TAMU ColorStack

Apr 2026 — Present
College Station, TX

- Run internal operations for the chapter: meeting cadence, agendas, decision records, and the organizational systems the executive board works out of.
- Plan chapter events alongside other board members, coordinating logistics, timelines, and member communication.
- Led workflow improvements to how the board tracks tasks and shares information, cutting duplicated effort across roles.

Technology & Operations Intern
Frisco Public Library

Jun 2024 — Sep 2024
Frisco, TX

- Supported daily technology operations and internal systems, including equipment maintenance and digital resource management.
- Assisted patrons with front-desk requests and technical troubleshooting.
- Managed circulation inventory through shelving, cataloging, and barcode-driven sorting in library management systems.

Produce Clerk
H-E-B

May 2025 — Aug 2025
Frisco, TX

- Maintained inventory accuracy, stock rotation, and display standards in a high-volume retail environment.
- Coordinated across shifts to hold throughput and service standards under fast-paced conditions.

PROJECTS

Project Lead / Full-Stack Developer — TAMUhack26, BookEasy Itinerary Planner

- Led a 4-person team from architecture to demo in 24 hours, owning API design, work allocation, and frontend-backend integration under deadline.
- Built a deterministic replanning engine: short flight delays hold the plan, longer ones reshuffle day one and demote lower-priority stops automatically.
- Shipped a Next.js/TypeScript frontend against a Python/FastAPI backend, integrating AviationStack, Mapbox, and Gemini for location-aware plans.

Sole Developer — JavaScript / React, VitalCast AI

- Built a client-side health forecasting app that turns 800MB+ Apple Health exports into 10-year cardiovascular risk, sleep quality, and HRV-based stress scores using validated clinical models (Framingham, PSQI).
- Moved the XML parsing engine into Web Workers so large exports process without blocking the main thread or freezing the UI.
- Kept the entire pipeline client-side by design — no uploads, no server-side storage of health data.
- Owned all engineering — parsing, clinical modeling, and implementation — working from a designer’s specs and translating them into shipped interface.

SKILLS

- Program & Product:** event and program planning, stakeholder coordination, scheduling, process documentation, cross-functional communication
- Programming:** Python, TypeScript, JavaScript, Java
- Frameworks & Technologies:** React, Next.js, FastAPI, REST APIs, Web Workers
- Developer Tools:** Git, GitHub, VS Code, IntelliJ
- Spoken Languages:** English (native), Spanish (intermediate)