

JOSHUA BRADLEY

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

EDUCATION

The University of Texas at Austin — Austin, TX

Expected Graduation: December 2028

Bachelor of Science, Computer Science + History (X+CS Integrated Degree)

GPA: 3.85 / 4.00

- Admitted to the inaugural cohort of the X+CS Integrated Degree, a selective interdisciplinary program pairing the full computer science core with a second discipline.
- Coursework centers on computational analysis of unstructured records — the same problem shape as the production data work below.

Relevant Coursework: Introduction to Programming – Java (CS 312), Probability & Statistics (SDS 321), Multivariable Calculus (M 408D)

In Progress, Fall 2026: Data Structures (CS 314), Discrete Mathematics (CS 311)

EXPERIENCE

Dune — Solo Developer (Intern) | Remote

May 2026 – Present

Oil & gas mineral royalty acquisition company

- Sole developer of a production pricing pipeline that values oil & gas mineral lease offers, owning the system end to end: data ingestion, pricing logic, persistence, and the internal tool the business runs on.
- Built ingestion for unstructured county mineral records, normalizing inconsistent real-world source data into a structured PostgreSQL schema.
- Designed and implemented the valuation logic that converts normalized records into reviewed lease-offer output, replacing a manual valuation process.
- Shipped and maintained a Streamlit interface used directly by the business owner, iterating against live feedback from real acquisition decisions.
- Stack: Python, Anthropic API, Supabase (PostgreSQL), Streamlit.

Relentless Sports Performance — Oldsmar, FL

Coach

May 2026 – August 2026

Student Strength Coach

September 2022 – August 2025

- Returned as paid coaching staff after three years as an elected student coach, running daily training sessions for high school athletes while developing Dune remotely.

Shields Pharmacy — Dunedin, FL

June 2025 – August 2025

Inventory Specialist

- Managed inventory data for a high-volume compounding pharmacy (800+ prescriptions daily) in the LifeFile system.
- Audited physical stock against digital records, performing discrepancy analysis to maintain data integrity across the inventory dataset.

PROJECTS

Career OS — Personal knowledge base and portfolio system

joshuabradley.dev

Astro, TypeScript, Zod, Cloudflare Pages

- Built and deployed a static site that renders its public pages from a private structured-markdown knowledge base, separating content from presentation so new views can be added without a rewrite.
- Implemented a schema-validated content layer with an explicit allowlist: adding a file to the knowledge base does not publish it — publishing is a deliberate act.
- Built a render-level gate that prevents unverified metrics from reaching a public page, and shipped with honest placeholders rather than fabricated numbers.
- Deployed to Cloudflare Pages on a custom domain with CI on push; zero client-side JavaScript.

TECHNICAL SKILLS

Languages: Python, Java, SQL, R

Data & Infrastructure: Supabase (PostgreSQL), Anthropic API, Streamlit

Tools: Git, GitHub, VS Code, Jupyter, RStudio, PowerShell

Currently learning: Astro, React

HONORS & ACTIVITIES

Honors: Goldman Sachs Possibilities Series (2026 cohort); National Honor Society; Mu Alpha Theta; Rho Kappa

Activities: Varsity Track & Field Team Captain; Youth Mentorship Volunteer; Revive Texas Ministries Hospitality Team