

Xander Murray

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Education

University of Texas at San Antonio — College of Science

May 2028

BS in Computer Science — GPA: 4.0/4.0

- **Coursework:** Data Structures & Algorithms, Linear Algebra, Statistics, Data Science, Math Foundations of Programming, Systems Programming, OOP, Application Programming

Experience

Web Development Intern

San Antonio, TX

Texas A&M-San Antonio ITS Web Team

June 2025 - August 2025

- Audited and remediated **1,000+ pages in Cascade CMS**; leveraged SiteImprove analytics to resolve **200+ broken links**, boosting site accessibility scores and SEO compliance.
- Hardened a LAMP-stack application against injection attacks by implementing server-side parameter sanitization and form validation, **eliminating SQL injection vectors** across all user-facing endpoints.

Customer Service Rep/In-store Shopper

San Antonio, TX

H-E-B

August 2022 - Present

- Processed **140+ eCommerce orders per shift** with near-zero error rate, coordinating pick, stage, and delivery workflows under tight time constraints.
- Served as the go-to problem solver on shift—triaging out-of-stock items, coordinating real-time substitutions, and de-escalating complaints—maintaining a **100% satisfaction rating**.

Business Owner

San Antonio, TX

Legacy Lawn Care

March 2019 - Present

- Founded and scaled a lawn care operation to **30+ recurring clients**, managing end-to-end service delivery, quoting, and upselling expanded offerings (flower beds, tree trimming, leveling).
- Owned all scheduling, procurement, and client relations; achieved **94% client retention** through consistent quality and proactive communication.

Projects

Future Intern

Future Intern

Texas A&M-San Antonio ITS Web Team

- Architected a **full-stack ingestion pipeline** (Node.js/Express back-end, PHP/MySQL front-end) that pulls, normalizes, and de-duplicates **100k+ internship postings/year** from the CoreSignal API.
- Built a **predictive analytics module** with SQL window functions to forecast hiring cycles, applying data cleaning, trend analysis, and feature extraction to surface actionable timing insights.

Buckets

GitHub Repo

RowdyHacks XI

DevPost

- Built an **envelope-style budgeting TUI** in Python/Textual with accounts, categories, and bucket allocations; designed a clean **SQLAlchemy data layer** with manager classes for fast record entry.
- Implemented **spending analytics** via aggregation queries—daily totals, trends, and category-level breakdowns for at-a-glance financial decisions.

MonkeytypeCard

GitHub Repo

Personal Project

- Developed a **Flask web app** that generates customizable SVG stat cards from the Monkeytype API, with **60+ themes** and an interactive builder UI.
- Engineered server-side **SVG rendering** with Jinja2 templates and a responsive JS builder UI; handles API parsing, theme selection, and stat-bucket extraction in a single request cycle.

Leadership & Community

- Active ACM UTSA member; Mentor peers on CS coursework, focusing on simplifying technical concepts and explaining problem-solving approaches clearly.
- Member, **ColorStack**, supporting inclusion and advancement of Black and Latino students in tech.
- Volunteer at the **San Antonio Food Bank** and garden builds with Giant Steps Early Learning Center, supporting youth community programs.

Technical Skills

Languages: Python, JavaScript, Java, SQL, PHP, C, Bash, HTML/CSS

Frameworks & Libraries: React, Flask, Node.js/Express, SQLAlchemy, Jinja2, Textual, Bootstrap

Developer Tools: Git, Linux/Unix, Vim, PostgreSQL, MySQL, REST APIs, Postman, Jira, Cascade CMS

Data & Analytics: pandas, NumPy, scikit-learn, matplotlib, SQL window functions