

# Nathan Brown

xxx-xxx-xxxx · [njbrown@utexas.edu](mailto:njbrown@utexas.edu) · [njbrown.com](http://njbrown.com) · [linkedin.com/in/nj-brown](https://www.linkedin.com/in/nj-brown) · Austin, TX

## EDUCATION

### University of Texas at Austin

Aug 2024 – May 2028

*B.S. in Mathematics, Minor in Economics—3.93/4.00 GPA—1550 SAT (800M, 750 R&W)*

*Austin, TX*

- **Relevant Coursework:** Discrete Math, Differential Equations, Linear Algebra, Probability, Microeconomic Theory, Game Theory, Applied Statistics

## WORK EXPERIENCE

### Mozayyx · Software Engineer, part-time · Austin, TX

Oct 2025 – Present

- Maintained >99% uptime for a 24/7 production system by owning proactive monitoring, upgrade planning, and rapid fault isolation on bare-metal hardware.

### Mozayyx · Investment Intern · Austin, TX

May 2025 – Oct 2025

- Built Monte Carlo and Black-Scholes frameworks in Python/Excel to value equity and warrant structures; played a key role in deal negotiations of a 9-figure registered direct offering priced at a double-digit premium to market.
- Performed fundamental research on 5+ equities, including 10-K/10-Q analysis and technical review of price action and market trends; supported an investment recommendation resulting in a five-figure allocation.
- Produced 10+ reports on macroeconomic developments, including Federal Reserve policy and inflation data, as well as discretionary investment themes, to provide structured analysis and support ongoing team discussions.

### Nathan Brown Tutoring · Private Math Tutor · Austin, TX

Apr 2024 – Present

- Delivered one-on-one math instruction (grades 4–9) to 5+ students, adapting lessons to individual needs.

### Austin Redemptive Labs · Airtable Consultant · Austin, TX

Mar 2025 – May 2025

- Managed backend Airtable databases supporting 20+ high-growth startups with a combined \$10M+ ARR.
- Designed and implemented automated workflows with Zapier to save 5+ hours/week of manual task work.
- Collaborated closely with leadership to improve database architecture and support long-term growth & scalability.

### Arena Hall · Fellow · Austin, TX

May 2024 – May 2025

- Optimized backend Airtable databases with 10,000+ entries by using Airtable functions to remove unused fields.
- Streamlined operations for events with 100+ attendees by developing automations between Luma and Airtable.
- Provided consistent hospitality, setup assistance, and event support for the weekly operations of Arena Hall.

## LEADERSHIP EXPERIENCE

### TexasTableTop · Treasurer · Austin, TX

Aug 2025 – Present

- Managed club finances and board game inventory, tracking expenses and income to ensure financial responsibility.

### UT Chess Club · Operations Officer · Austin, TX

Jan 2025 – Present

- Coordinate day-to-day operations and help manage club's social media presence to drive engagement.
- Led Collegiate Chess League team to a 7-2 record and scored an average of 2.8/4.0 points per match.

## SKILLS & INTERESTS

**Program Skills:** Python, Linux/Unix, Vim, Excel, Microsoft Office

**Achievements:** 2200 bullet rating (top 0.3%) on chess.com, 1,200+ subscribers on my personal blog

**Interests:** Chess, poker, pickleball, volleyball, science fiction novels, the ISO 8601 standard, memorizing IATA codes