

Nathan Brown

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EDUCATION

University of Texas at Austin <i>B.S. in Mathematics, Minor in Economics</i> —3.93/4.00 GPA—1550 SAT (800M, 750 R&W)	Aug 2024 – May 2028
	Austin, TX

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

WORK EXPERIENCE

Mozayyx · <i>Software Engineer, part-time</i> · 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 · <i>Investment Intern</i> · 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 · <i>Private Math Tutor</i> · 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 · <i>Airtable Consultant</i> · 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 · <i>Fellow</i> · 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 · <i>Treasurer</i> · Austin, TX	Aug 2025 – Present
• Managed club finances and board game inventory, tracking expenses and income to ensure financial responsibility.	
UT Chess Club · <i>Operations Officer</i> · 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