

LUKE HARTFIELD

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EDUCATION

The University of Texas at Austin	Master of Science, Business Analytics	May 2026
	BBA, Management Information Systems	May 2025
	Overall GPA: 3.94	

WORK EXPERIENCE

Southwest Airlines – *Technology Analyst Intern – Data Governance*; Dallas, TX Jan 2025 – Apr 2025

- Presented lean business case, MVP, and architecture diagram for AI travel planner agent to CIO and senior executives
- Created and launched an internal Datapedia page, improving access to data artifacts and reducing manual lookup time
- Mapped over 500 data lake roles and assets to the enterprise Data Catalog, increasing metadata visibility for 1,000+ users
- Analyzed data privacy workflows and built dashboard enhancements, aligning reporting with GDPR and CCPA compliance

JPMorgan Chase – *Operations Analyst Program – Summer Analyst*; Plano, TX Jun 2024 – Aug 2024

- Processed 30+ small business loans daily, resolved lien issues, and prepared closing documents for clients
- Gained experience with credit risk review, documentation, and communication standards in commercial lending
- Identified post-approval inefficiencies and proposed workflow changes that reduced manual entry and sped up processing
- Pitched AI tool to query JPMC employee directory by interests and experience; designed UI in Figma for hackathon demo

Additional Work Experience:

Project Management Intern (nFLXn Consulting), Data Ops Intern (teamUp9), Private Chess Coach, Mobile Dev Intern (Invstr)

CAPSTONE PROJECTS

AI Platform for Property Intelligence and Geospatial Search Spring 2026

- Developed LLM-based backend services for investment scoring and natural-language geospatial query translation
- Built an AI-assisted ETL pipeline for automated ingestion, cleaning, and GeoJSON normalization of nationwide parcel data

English Practice Partner's Automated Learner Management and Matching Platform Spring 2025

- Built and deployed a matching algorithm in Airtable, pairing 300+ English learners with conversation partners
- Automated onboarding and follow-up emails, eliminating manual tasks and scaling LLT's English Practice Partner program

LEADERSHIP EXPERIENCE AND ACTIVITIES

University of Texas – *Teaching Assistant: Marketing for Social Profit* Fall 2024

- Organized instruction and led activities to deepen students' understanding of marketing social impact in business strategy

Texas Financial Derivatives – *Technical Analyst and Exec Board* Fall 2022 – Spring 2024

- Led a cohort teaching options trading basics and presented technical analysis tools for charting directions on equities
- Managed small group portfolio, doubling returns through disciplined risk management and directional option strategies

Sigma Alpha Mu – *Active Member* Spring 2023 – Spring 2025

HONORS

Future Business Analytics Leaders Scholarship Award	Summer 2025
McCombs School of Business Distinguished College Scholar	Spring 2024
Eagle Scout – Boy Scouts of America	2022

ADDITIONAL INFORMATION

Computer Skills: Python, R, SQL, C#, JavaScript, Java, Power BI, Tableau, Alteryx, HTML, PyTorch, Tensorflow, Pandas, Snowflake

Languages: French (fluent)

Interests: Bass Fishing, Blockchain, Bouldering, Chess, Game Theory, Gymnastics, Lifting, Options Trading, Solo Traveling