LUKE HARTFIELD

lukehartfield@utexas.edu • (469) 900-6521
github.com/lukehartfield • linkedIn.com/in/lukehartfield • Austin, TX

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

Realocity – *Product Engineering Intern;* Austin, TX   Dec 2025 – Present
- Built AI pipeline that converts images into videos, reducing iteration and enabling repeatable, high-quality outputs

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

Smart Doc Approver – Agentic ML Receipt Processing Pipeline   Fall 2025
- Built an agentic ML system to automate receipt processing and approval accurately, reducing manual review

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 non-profit conversation 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 on derivatives while managing a small-group portfolio, achieving strong returns through option strategies

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

ADDITIONAL INFORMATION

Honors: Eagle Scout, Future Business Analytics Leaders Award, McCombs Distinguished College Scholar, University Honors (6x)
Computer Skills: Python, R, SQL, C#, JavaScript, Java, Power BI, Tableau, Alteryx, PyTorch, Tensorflow, Pandas, Snowflake
Languages: French (fluent)
Interests: Bass Fishing, Blockchain, Bouldering, Chess, Game Theory, Gymnastics, Lifting, Options Trading, Solo Traveling