

Peter Pham

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EDUCATION

C. T. Bauer College of Business | University of Houston

Bachelor of Business Administration in Management Information Systems (GPA: 3.70/4.00)

December 2027

Certifications: AWS Certified Cloud Practitioner | Azure Fundamentals | Claude Certified Architect

Technical Skills: SQL | Python | MS Suites | Power BI | Databricks | Azure DevOps | Generative AI | Agentic AI

WORK EXPERIENCE

Hilcorp | Business Intelligence Intern

May 2026 – Present

- Own end-to-end migration of 5 SAP master data domains spanning millions of records into Databricks, consolidating tooling and cutting costs
- Build a 3-layer medallion (bronze, silver, gold) data model with 40+ SQL transformations, enabling reliable self-serve finance reporting
- Deliver 5 curated gold tables through an interactive dashboard, giving 20+ finance users self-serve reporting and reducing dependency on SAP
- Build an internal AI tool on gold-layer data to automate variance commentary for FP&A, cutting report turnaround from 6 hours to 2 hours
- Author detailed documentation for the 5 gold-layer views, cutting new FP&A team member ramp-up time from 3-4 weeks down to about a week

Wayfair | AI Automation Extern

November 2025 – January 2026

- Built 3 end-to-end AI agent solutions in n8n, wiring 5+ platform and third-party APIs to monitor competitors across several major online stores
- Built a trend-to-design pipeline using platform and scraping APIs with Gemini API to generate 50+ product concepts, cutting ideation time ~5x
- Synthesized data across 4+ competitor sources into product proposals, accelerating development cycles by roughly 2-3x and realigning catalog
- Quantified automation ROI by benchmarking manual research against automated outputs to build a leadership case that saved 10+ hours each week

PROJECTS

Transit Insights RAG Assistant | Python, Claude API, RAG, LangChain, LangGraph, MCP

- Built a Python RAG assistant answering natural-language questions over 1k+ transit documents using a vector store for fast semantic retrieval
- Orchestrated a 4-step agent with LangChain and LangGraph, retrieving context then calling Claude API to produce grounded, cited text responses
- Exposed 3 retrieval and live-data tools through MCP, enabling consistent and reusable tool integration across the entire multi-step agent flow
- Evaluated retrieval across 100+ test queries, tuning chunking, prompts, and embeddings to reduce hallucinations and improve overall accuracy

Deloitte Consulting – Case Competition | Team Lead

- Directed a 4-person interdisciplinary team through a structured case engagement, setting workstreams to deliver client-ready work by deadline
- Cleansed and consolidated client datasets in Excel, eliminating 100% of analytical noise to reframe the problem and sharpen strategic insight
- Formulated a supply chain optimization strategy via root-cause analysis, projecting 35% in cost savings through a phased deployment roadmap
- Delivered the final pitch to a Deloitte judging panel, winning 1st place for rigorous analysis and executive-level strategic recommendations

LEADERSHIP EXPERIENCE

Management Information Systems Student Organization (MISSO) | Member

August 2025 – Present

Professional Development Committee Spring 2026, Professional Development Committee Fall 2025

- Leverage seminars on digital transformation and emerging tech to bridge business strategy with technical execution for data-driven decision-making
- Work alongside adjacent committees to co-develop strategic initiatives, streamlining planning, outreach, and logistics for high-impact programming