

Fritz Mulkey

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EDUCATION

Marquette University

B.S. in Business Administration, Real Estate & Information Systems

Milwaukee, WI

Aug. 2022 – May 2026

- *Relevant Coursework:* Database Management, Emerging Technologies (AI), Data Privacy & Security, Database Analysis & Design, Business Applications Development, Commercial Real Estate Finance & Development, Financial Investment Analysis
- *Other Programs:* University of Antwerp, Belgium, International Business Management | Eisenberg Career Foundation

PROFESSIONAL EXPERIENCE

Horvath & Tremblay

Commercial Real Estate Analyst Intern

Chicago, IL

Jan. 2024 – Apr. 2024

- Investigated prospective investments using CoStar and LexisNexis data, evaluating property level financials, LLC ownerships structures, and transaction considerations to identify key risks and prepare comprehensive reports for investment reviews
- Partnered directly with a Managing Director to conduct in-depth submarket research, converting raw market data into development opportunity recommendations that were presented to senior leadership to inform decisions across target markets

TR Wealth Management

Commercial Real Estate Intern

Los Angeles, CA

Jan. 2022 – Aug. 2022

- Aggregated demographic and economic data across California markets to identify demand patterns to inform portfolio strategies
- Conducted on-site property inspections and built valuation reports, directly impacting underwriting assumptions for investors
- Supported full transaction lifecycle from sourcing through closing, coordinating with legal / financial teams on all documentation

TECHNICAL PROJECTS

ClearLease, Enterprise RAG Application for AI-Driven Lease Abstraction

Skills: Full-Stack Development, Retrieval-Augmented Generation, FastAPI, Next.js, Claude, Azure Document Intelligence

- Engineered a hybrid retrieval architecture (vector search + positional anchoring) extracting 260+ unique fields from commercial leases, including an OCR to read handwritten amendments, and cutting processing loads through batched concurrent LLM calls
- Designed an auditable AI architecture with field-level confidence scoring and page-level source citations, flagging any output below full confidence for manual review and giving compliance teams a fully traceable audit trail for every abstracted lease term
- Built with a zero-data retention model and with dual employment paths – hosted SaaS or self-hosted with a client's own API keys

Ascendium Education Group, Salesforce Systems Engineering & Process Re-engineering

Skills: Salesforce CRM, Systems Architecture, Workflow Automation, Data Modeling & ERD / DFD Design, Solutions Engineering

- Led the technical architecture of a Salesforce CRM for a national nonprofit, architecting a 13-object relational database with master-detail and look-up relationships to replace a manual spreadsheet and centralize previously fragmented volunteer data
- Ran formal systems analyses (PIECES & TELOS) to diagnose process gaps and validate solution feasibility, then translated stakeholder requirements into a full system documentation and a data model before committing engineering time to the build
- Automated balance calculations and role-based access controls with timestamped audit trails, and built live dashboards giving leadership real-time visibility into compliance and volunteer-program performance – reducing manual reconciliation work

Stellar Valuation Engine, Quantitative Data Engineering Tool

Skills: Python, Data Engineering, API Integration, Financial Modeling, Quantitative Analysis, Automated Reporting

- Built a web app automating DCF and CAPM equity valuation, pulling live market data via API integration, with guided explanations and multi-variable sensitivity modeling that made the tool accessible to new students and experienced professionals
- Engineered an automated reporting pipeline that transformed raw outputs into publication-grade Excel and PDF valuation reports
- Integrated a real-time news feed that scored sentiment on a 1-10 scale, giving users a quick gut-check read on market sentiment

The Mulkey Table, Family Recipe & Blog Website

Skills: Full-Stack Web Development, UI/UX Design, Custom CMS Development, Authentication & Access Control

- Designed and built a custom website with downloadable content, a searchable recipe archive, as well as a photo-story archive
- Built an export system that packages admin edits into a deployable HTML file, removing coding/hosting knowledge requirements

EXTRACURRICULAR ACTIVITIES

Marquette Club Lacrosse

President

Milwaukee, WI

Aug. 2024 – May 2026

- Directed all team operations and led a fundraising initiative that generated over \$12,000, reducing cost barriers for new players

Sigma Chi Fraternity

Recruitment Chair

Milwaukee, WI

Aug. 2024 – May 2025

- Managed 75+ daily recruitment participants and 50+ alumni, while creating promotional materials and communication campaigns

ADDITIONAL INFORMATION

Interests: Lacrosse, Golf, Pickleball, Travel (Europe), Saxophone, Building Computers, Movies, Music, Stocks & Investing, Dota 2