

Danny Sievers

dannysievers.com

danjsievers@gmail.com

Minneapolis, MN 55443

(763) 222-9540

EDUCATION

Bachelor of Science in Management Information Systems, focus in Computer Science

May 2017

Butler University, Indianapolis, IN

Cumulative GPA: 3.6/4.0

PROFESSIONAL EXPERIENCE

Founding Engineer

November 2024 – Present

Intelligent Alpha, Minneapolis, MN

- Created the entire generative AI system that powers Intelligent Alpha's investment products (\$30M+ AUM; ticker GPT / Jaguar hedge fund)
- The system utilizes several multi-agent workflows to decompose and automate all functions of a financial analyst and portfolio manager
- These workflows process billions of tokens at a time to create and manage 20+ portfolios without the need for any human intervention

Senior Staff Software Engineer

April 2025 – Present

Equilibrium Energy, Remote

- Led the technical design and implementation of the user-facing product used by traders in complex power markets
- Developed energy-specific autonomous agents that operate across massive volumes of energy data to perform on-demand energy market analysis
 - The system provides real-time explainability across the ERCOT power market via custom UI and chat interfaces
 - Includes discovery and analysis of the following: probabilistic price forecasts for every node in ERCOT, load forecasts, renewable generation forecasts, shift factor analysis, binding constraint analysis, and more
- Demos and use of these systems led to engagements with some of the largest energy companies in the world

Senior Principal Software Engineer - Technology Leadership Career Path (TLCP)

May 2023 – April 2025

Optum, Minneapolis, MN

- Developed UnitedHealth Group's first enterprise-scale internal generative AI chat interface (ChatHCP) to enhance software developer efficiency
- ChatHCP uses retrieval augmented generation (RAG) to empower 8000+ developers by synthesizing internal developer documentation, message boards, blog posts, API specifications, and database schemas across 25,000+ pages of content
- Transformed multi-week human workflows by creating the Competitive Intelligence Platform to generate unique advertising insights for UnitedHealthcare marketing teams
- The Competitive Intelligence Platform uses a multi-modal agentic workflow to process competitor advertisements and publish results to a custom web application

Principal Software Engineer - Technology Leadership Career Path (TLCP)

July 2022 – May 2023

Optum, Minneapolis, MN

- Developed AI Hub - an internal platform dedicated to simplifying AI project management, model sharing, and review
- AI Hub is currently used to track 450+ AI projects in various phases of development across 15+ business units
- Established best practices for facilitating a federated review process to ensure AI project development is occurring in a responsible and high quality manner across UnitedHealthcare
- Architected and implemented Optum's first dedicated cloud-native AI and machine learning platform, enabling 1000+ data scientists

SKILLS

Generative AI System Design | Full-Stack Development | Cloud-native Architecture | Python + Typescript + Golang

References available upon request