

INTERSHIPS

AI Developer Intern – CentralReach

August 2024 – October 2024

Served as an AI Developer Intern at CentralReach, contributing to innovative AI-driven tools that enhance autism and intellectual and developmental disabilities (IDD) care.

- Developed **AI-generated informational videos** for parents using Synthesia's platform, improving accessibility and understanding of autism-related topics
- Created and trained **large language models (LLMs)** using Dify and Shakudo to enhance customer support through better question classification and automated response generation
- Cleaned, formatted, and validated **catalog data** to improve accuracy, consistency, and integrity, enhancing knowledge base integration and overall LLM performance

FREELANCE PROJECTS

Full Stack Developer - Amanda’s Everything Pets

May 2025 – Present

Identified inefficiencies while working as a dog walker and pro-actively developed a prototype, which led to being hired as a freelance developer by the company to develop a full-stack Django web application.

- Implemented **multi-service booking flows** (walks, grooming, boarding, overnights, etc.) with calendar integration and approval workflows
- Deployed app on **Render**, configuring database persistence, file handling, and domain integration
- Created a **dynamic invoicing system** with automated line items and real-time updates
- Designed a **drag-and-drop scheduling system** with autosave, improving efficiency of walk assignments
- Integrated **Google Docs API** (live dog-care instructions) and **Google Maps API** (routing optimization and address management)

Data for Good – EDGE Insights

August 2025 - Present

Developed and published data-driven analyses for a community website supporting school board members and stakeholders in understanding public school finance.

- Built **financial dashboards** in Excel and Tableau Public to visualize funding sources and expenditures, improving accessibility for non-technical audiences
- Applied **SQL and Python** to analyze the shift in property tax burden from commercial to residential properties in Cook County, producing actionable insights for community discussions

AI TRAINING

AI Workforce Bootcamp – National Science Foundation

Summer 2024

Selected for a paid NSF-sponsored 6-week AI training program hosted by the University of Virginia, Penn State, and Carnegie Mellon, which provided advanced technical training and facilitated internship opportunities — leading to my selection as a Generative AI Developer intern at CentralReach.

- Curriculum included AI fundamentals, machine learning, deep learning, generative AI (LLMs/ChatGPT), classification, optimization, and AI ethics.
- Developed an **LLM-powered accessibility tool** that generates descriptive alt text for images and integrates with screen readers for visually impaired users

SKILLS

Excel, Python, C++, SQL, ChatGPT, LLMs, Tableau, Snowflake
Agile, Google Cybersecurity Certification, Data Governance, Metadata