

Elliot Chafee

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Hickory Hills, Illinois

North Central College, B.A. in Computer Science, Expected May 2028, GPA 3.8

Work Experience

Contract Web Developer - SoftSpace Academy

June 2026 - Present

Selected by a former CentralReach manager to build the SEO, analytics, accessibility, and compliance setup for a new business website.

- Set up **Google Analytics 4**, **Google Search Console**, and **Google Tag Manager**; verified SSL, forced HTTPS, and confirmed domain redirects sitewide
- Implemented on-page SEO (metadata, image alt text, XML sitemap) and cookie consent management
- Resolved cross-browser and mobile responsiveness issues, and optimized site images for performance

STEM Camp Instructor – Moraine Valley Community College

June–July 2026

Designed and taught four week-long STEM courses for K–12 students, including an original AI curriculum.

- Led two intro coding courses for ages 5-11
- Built and taught two **AI curriculum** courses for junior high and high school students

AI Tools Evaluation Intern – CentralReach

August–October 2024

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 knowledge-base integration for LLM applications

Portfolio Projects - ElliotChafee.com

School Finance Insights

Built a **Python/HTML** data website that translates complex Illinois public-school funding analysis into accessible insights for school board members and community stakeholders.

Pet Services Booking Platform

Designed and developed a **full-stack** booking platform in Django after identifying scheduling and operational inefficiencies in a pet-care business.

- Implemented multi-service booking flows with calendar integration, approval workflows, and a drag-and-drop scheduling system
- Created a dynamic invoicing system with automated line items and real-time updates
- Deployed on Render and integrated Google Docs API and Google Maps API (route optimization)

AI Accessibility Tool

Completed a paid NSF-sponsored 6-week AI training program with Carnegie Mellon University covering machine learning, deep learning, generative AI, and AI ethics. Developed an **LLM-powered accessibility tool** generating descriptive alt text for images, integrated with screen readers.

Python, C++, SQL, Claude, ChatGPT, Power BI, Excel

Django, Google Analytics, Google Search Console, Google Tag Manager, SEO, HTML/CSS