

# Aiden Kiefer

Chicago, IL 60608 | (224) 622-9255 | [aidenjkiefer@gmail.com](mailto:aidenjkiefer@gmail.com)  
[github.com/aidenkiefer](https://github.com/aidenkiefer) | [linkedin.com/in/aiden-kiefer](https://linkedin.com/in/aiden-kiefer)

## Experience

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<b>Web Developer</b>	N-2 Water	Remote	May 2025 – Present
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- Designed and implemented a full-stack, headless commerce website using **Next.js**, **React**, and **TypeScript**, supporting marketing pages and a production e-commerce storefront.
- Integrated **Shopify Storefront and Customer Account APIs** to build authenticated customer flows including login, registration, order history, subscriptions, and cross-domain cart persistence.
- Collaborated on analytics and outreach tooling by integrating Google Ads JavaScript workflows, contributing to improved campaign performance and measurable increases in ROAS.

<b>Web Developer Intern</b>	Thrive Vineyard Church	Palatine, IL	Jun 2024 – Present
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- Built and maintained a sermon archive CMS using **JavaScript**, **HTML**, and **CSS**, improving long-term maintainability and content accessibility.
- Collaborated with pastors and non-technical stakeholders to translate requirements into reliable web features.

<b>Software Engineering Intern</b>	Tribl Records	Atlanta, GA	Apr 2020 – Nov 2021
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- Developed and maintained internal web tools using **HTML**, **CSS**, and **JavaScript** to improve usability for content and media workflows.
- Optimized backend queries and server configurations, reducing page load times and improving application responsiveness.

## Personal Projects

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**Climate Change & Bird Migration Analysis (2025)** — Python, pandas, scikit-learn

- Built regression models to learn long-term climate trends from historical data (1961–2004), validated against modern data (2005–2024), and forecasted future conditions.
- Designed data pipelines and evaluation workflows to analyze ecological datasets and assess modeling limitations.

**Personal Portfolio Website (2026)** — **Next.js**, **TypeScript**, **Tailwind**, **MDX**

- Built a production-ready portfolio site with a structured content system using **MDX** for case studies and blog posts.
- Implemented code presentation and content polish via syntax highlighting and a scalable project layout designed for recruiter-friendly browsing.
- Added a global search experience backed by an API route, enabling fast navigation across projects, coursework, and writing.

**AllergyAssist (2016)** — CodeDay Chicago

- Led a small team to design and prototype a mobile application for identifying allergy-friendly dining options, winning Best App and Best Overall awards.

## Education

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**University of Illinois Chicago**

B.S. in Computer Science

Chicago, IL

Graduated Dec 2025

## Technical Skills

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**Languages:** **TypeScript**, **JavaScript**, **Tailwind**, Python, C/C++, SQL

**Frameworks:** **Next.js**, **React**, Node.js

**Web & APIs:** REST APIs, Headless Commerce, Shopify Storefront API, Authentication

**Data & ML:** NumPy, pandas, scikit-learn, PyTorch; Decision Trees, Regression, SVMs

**Tools:** Git, GitHub Actions (CI/CD), Jest, Linux/Bash