

Ta'nigh Clark

Aspiring Software Engineer • Full-Stack & AI-assisted Workflows

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Professional Summary

Bring a mix of technical and customer-facing skills that allow me to bridge gaps between user needs and product solutions. My vision is to grow into a role where I help shape digital products and technology solutions that make a meaningful impact for users. I want to combine my background in coding, customer insight, and adaptability to drive innovation, integrate emerging technologies such as AI, and support the company's strategic growth.

Technical Skills

Languages: Python • JavaScript • Java • SQL • HTML • CSS

Frameworks & Libraries: React • Next.js • Flask • Streamlit • Node.js • Express • Tailwind CSS • Prisma

Tools & Platforms: Git/GitHub • PostgreSQL • Vercel • Hugging Face • Power BI • VS Code

Exploring: RAG (LangChain/LlamaIndex), vector stores (FAISS/pgvector), evaluation (RAGAS)

Selected Projects

Book App (RAG, in progress) (Next.js • Postgres • OpenAI/Hugging Face)

- Designing retrieval-augmented generation to assist research and scene drafting with source citations.
- Planning pgvector/FAISS indexing, chunking strategy, and evaluation with RAGAS

SpellingPlay (React • Express • Puppeteer • Vercel)

- Generates printable worksheets and interactive activities from any word list for parents and teachers.
- Server renders PDFs with Puppeteer/EJS; deployed front-end on Vercel for instant access.
- Adult-friendly UX for parents/teachers; simple flows for input → activities → print.

[Live:](#) | [GitHub](#)

Equipment Checkout System

(Flask • React • PostgreSQL)

- Automates equipment check-in/out with role-based access and real-time availability to reduce losses.
- Designed normalized schema and CRUD APIs; built React UI with clear status states (available/missing/damaged).
- Added reporting views for accountability and trend analysis.

[GitHub](#)

PremiumAir Website

(HTML • CSS • JavaScript)

- Responsive single-site experience highlighting clean layout and product storytelling.
- Optimized for quick load and simple navigation across devices.

[Live | GitHub](#)

Next.js Dashboard

(Next.js • Prisma • PostgreSQL • Tailwind)

- Full-stack dashboard with authentication, styled UI components, and persistent data.
- Structured API routes and protected pages; applied Tailwind for clean, responsive design.

[GitHub](#)

Education

B.S. in Computer Information Systems (Software Programming)

DeVry University • Inducted into the National Society of Leadership and Success (NSLS)