

DAVIS HIGGINS

Charlotte, NC • (828) 578-0262 • davishiggins@icloud.com • davishiggins.com • [Portfolio](#) • [LinkedIn](#) • [GitHub](#)

EDUCATION

B.S. in Data Science, Minor in Artificial Intelligence | Expected May 2027

08/2024 – Present

University of North Carolina at Charlotte | GPA: 3.9

Honors: 5x Chancellor's List, 1x Dean's List, 4x President's List, Award & Publication for Excellence in Writing

TECHNICAL SKILLS

Programming: Python, SQL, TypeScript, JavaScript, R, Java

Data & ML: Pandas, NumPy, Matplotlib, scikit-learn, Random Forests, Regression, Feature Engineering, Statistical Modeling

Analytics & BI: Power BI, DAX, Zoho Analytics, Excel, Google Analytics, Data Modeling, ETL, KPI Reporting, Data Governance

AI & Automation: RAG Systems, LLM Workflows, Agentic Systems, Context Retrieval, Workflow Automation

Web & APIs: Next.js, React, Tailwind CSS, FastAPI, REST APIs, Three.js, GSAP, Framer Motion

Databases & Cloud: AWS(Amazon S3, SageMaker AI), SQL Server, PostgreSQL, Supabase, Vercel, Netlify, Railway, Cloudflare

Tools & Platforms: Git, GitHub, GitHub Actions, VS Code, Salesforce, Zoho CRM, Zoho Creator, Stripe

EXPERIENCE

Software Engineer | **One Chaptr Group** – Charlotte, NC

08/2026 – Present

- Engineering a multi-tenant e-commerce platform in Next.js and TypeScript with typed data models and API boundaries for InkSoft integration, enabling configurable storefronts from a shared, reusable codebase
- Designing reusable component schemas and data contracts across a 63-component UI system to standardize storefront behavior and reduce duplicated implementation across client sites

Data Analyst | **Kewaunee Scientific Corporation** – Charlotte, NC

06/2025 – Present

- Build and maintain 20+ executive Power BI and Zoho Analytics dashboards and 100+ KPI visualizations used across sales, engineering, estimating, and operations
- Translate business requirements into data models, DAX measures, automated reporting, and decision-ready dashboards for cross-functional and executive decision-making
- Cleaned, validated, and restructured 2,000+ CRM records to improve data accuracy and downstream KPI reliability
- Developed standardized KPI definitions and data dictionaries and automated recurring metric reports, strengthening data governance while reducing manual reporting effort

Founder & Web Developer | **Higgins Digital** – Charlotte, NC | [Website](#) | [LinkedIn](#)

01/2026 – Present

- Build custom web platforms and AI-enabled digital systems for businesses, integrating APIs, serverless functions, analytics, and modern cloud deployment infrastructure
- Manage project lifecycles from client requests and UI/UX design, to backend logic, DNS/SSL setup, and custom domains

PROJECTS

Contender – Sports Analytics SaaS Platform | [Website](#)

01/2026 – Present

- Built a cloud-deployed, full-stack SaaS sports analytics platform using Python, FastAPI, Next.js, and Supabase with a probabilistic modeling and Random Forest regression engine powered by the NBA API
- Developed blended projection models, combining rules-based calculations and machine learning, generating player prop predictions, confidence scores, edge analysis, and matchup-adjusted projections

Cade – Personal Agentic Operating System | [Website](#) | [GitHub](#)

07/2026 – Present

- Built a Claude-powered agentic operating system using an Obsidian and Markdown memory layer, selective context retrieval, reusable Jobs, and an Orient, Retrieve, Prime, Execute, and Persist workflow
- Developed and deployed a recruiter-facing Next.js 15 website using React 19, TypeScript, GSAP, Lenis, Three.js, and WebGL to document the system's architecture, capabilities, privacy boundaries, and human-control model

Flowcast – Urban Demand Forecasting & AWS ML Platform | [Website](#)

08/2026 – 10/2026

- Built a demand forecasting platform with Python, XGBoost, and AWS SageMaker, using 13.8M training examples to predict hourly taxi pickups across 262 NYC zones up to 24 hours ahead
- Reduced held-out forecast error by 24.8% versus a weekly baseline and built an interactive Next.js dashboard

SecondChance – Predictive Analytics & ML Platform | [Website](#)

07/2026 – 09/2026

- Built an end-to-end predictive analytics platform integrating the Austin Animal Center API, using 69 intake-time features and calibrated models to estimate 30-day adoption and 60-day long-stay risk
- Implemented time-based validation, probability calibration, and subgroup performance checks, helping identify animals needing additional attention, and supporting earlier intervention and more effective shelter resource allocation

LEADERSHIP & INVOLVEMENT

VP of Philanthropy, Chaplain | **Phi Delta Theta** – Charlotte, NC

01/2026 – Present

- Lead fundraising initiatives that generate \$3,000+ per semester for the Live Like Lou Foundation
- Plan and deliver weekly Bible studies focused on faith, discipline, brotherhood, and personal growth