

DAVIS HIGGINS

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EDUCATION

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

08/2024 – Present

University of North Carolina at Charlotte | GPA: 3.89

Honors: 3x Chancellor's List, 1x Dean's List, Award & Publication for Excellence in Writing

TECHNICAL SKILLS

Programming & Data: Python, SQL, R, Java, Statistical Modeling, Machine Learning, Feature Engineering, REST APIs

AI & Machine Learning: scikit-learn, Random Forests, Regression Modeling, Feature Engineering, LLM Prompt Engineering, Claude API, Claude Code CLI, Codex CLI

Frameworks & Libraries: Pandas, NumPy, Matplotlib, FastAPI, Next.js, React, Tailwind CSS, Three.js, GSAP, shadcn/ui

Analytics & BI: Power BI, Zoho Analytics, DAX, Dashboard Development, KPI Reporting, Data Cleaning, Data Validation, Data Governance, Reporting Automation

Cloud & Deployment: Vercel, Railway, Render, Supabase, PostgreSQL, Cloudflare, Netlify, Git, GitHub

Tools & Platforms: Zoho CRM, Zoho Creator, Salesforce, VS Code, Streamlit, Stripe, Microsoft Office, SaaS Development

EXPERIENCE

Data Analyst | Kewaunee Scientific Corporation – Statesville, NC / Charlotte, NC

06/2025 – Present

- Develop Zoho Analytics and Power BI solutions, building and maintaining 20+ executive dashboards and 100+ KPI visualizations for cross-functional reporting
- Partner with sales, engineering, and estimating teams to turn business requirements into actionable dashboards and reports, supporting operational decision-making
- Cleaned, validated, and restructured 2,000+ CRM records to improve data accuracy and KPI reliability
- Automated recurring metric reports and pivot tables for multiple stakeholders, reducing manual reporting effort and increasing visibility into key business insights
- Developed standardized KPI definitions and data dictionaries to align reporting logic across IT, sales, and operations teams

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

01/2026 – Present

- Build and launch custom web platforms for businesses using Next.js, React, Tailwind CSS, and modern deployment tools
- Manage full project lifecycles from client requirements through UI/UX design, development, DNS configuration, SSL setup, custom domains, website deployment, and ongoing support
- Deployed an AI-powered portfolio assistant using Vercel serverless functions, custom system prompts, per-IP rate limiting, conversation history, and third-party API integrations
- Redesign resumes, optimize LinkedIn profiles, and develop cohesive personal branding strategies for students and early-career professionals to strengthen recruiter visibility and hiring outcomes

Co-Founder & Operations Lead | Teesly LLC – Maiden, NC

01/2023 – 05/2024

- Managed pop-up retail operations at AAU basketball tournaments, overseeing on-demand production, inventory, sales, and fulfillment for 100+ orders per event
- Analyzed sales trends in real time to adjust pricing and maximize profitability

PROJECTS

Propify – Sports Analytics SaaS Platform | [Website](#) | [Live Demo](#)

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
- Implemented Clerk authentication and Stripe subscription tiers, building a demo alongside the private production backend

CrownCode AI – AI Website Generator | [Platform](#)

02/2026 – 05/2026

- Created and launched an AI-powered website generator SaaS using the Claude API, enabling users to generate production-ready websites from natural language prompts
- Integrated LLM prompt engineering, dynamic UI generation, and end-to-end deployment infrastructure with Vercel

MLB Salary Regression Analysis | [Report](#)

03/2026 – 05/2026

- Modeled MLB player salaries in R, using OLS regression, stepwise BIC selection, ridge regression, and lasso to compare model performance, prediction accuracy, and variable selection across methods

NYPD Crime Data Analysis | [Report](#)

01/2025 – 04/2025

- Conducted end-to-end analysis of NYPD hate crime datasets using Python and SQL, applying logistic regression and Chi-Square tests to identify trends from pandemic-era fluctuations
- Performed feature engineering and EDA on multi-year crime records to visualize trends and quantify behavioral shifts

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