

BRIAN LOCKHART

Chapel Hill, North Carolina • 919-444-0167 • <https://deviscript-github-io.vercel.app>

Software engineer focused on applied AI and full-stack systems. As founder and lead at OuterWave Digital, I build AI-powered products and revenue tooling—delivering React/Node/Postgres platforms with RAG/agents, event-driven automation, and clean data pipelines—plus evals, telemetry, and dashboards that help creative and leadership teams make faster, measurable decisions and improve margins.

PROFESSIONAL EXPERIENCE

OuterWave Digital. Jan 2023 – Present

Independent Full-Stack & Data Ops Consultant

- Build and operate event-processing services that unify webhook/payment/shipping events across third-party APIs; enrich streams with ML-based anomaly scoring and auto-classification. (Node.js, Express; cron/queues).
- Design and maintain the analytics + AI layer: PostgreSQL warehouse, CSV/JSON ETL, feature pipelines, and LLM/RAG search over operational data (pgvector/FAISS), with scheduled evaluation/retraining.

University of North Carolina Mar 2015 – 2024

Research Manager

- Coordinated multi-lab studies; owned timelines, IRB/data compliance, and reporting; built lightweight collection/cleaning automations in Python/SQL.
- Impact: consolidated data workflows across 7 labs; reporting cycle time 10 days→3 days; missing/invalid records reduced 62%; produced reproducible analysis packages adopted by two departments.

EDUCATION

University of North Carolina, Chapel Hill, NC 2023

Bachelor of Arts in Interdisciplinary Innovation

- Awards: University Honors; Dean's List (all terms); Academic Excellence recognition.

CERTIFICATION

Full Stack Web Development Bootcamp Certificate 2023

SKILLS

Languages/Frontend — TypeScript/JavaScript, Python, SQL · React, Next.js, Tailwind.

Backend/Data — Node.js, Express, GraphQL, REST/Webhooks · PostgreSQL (pgvector), RAG/agents, FAISS · ETL/feature pipelines.

Infra/Ops — Docker, Vercel, Redis, CI/CD (GitHub Actions), OpenTelemetry · Commerce: Stripe, Shopify.