

# BRIAN LOCKHART

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

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Software engineer focused on applied AI and full-stack systems. Founder and lead at OuterWave Digital, delivering React/Node/Postgres platforms with RAG/agent pipelines, event-driven automation, and data tooling. Passionate about enabling creative teams with AI-powered insights and scalable infrastructure.

## PROFESSIONAL EXPERIENCE

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OuterWave Digital Jan 2023 – Present

### Independent Full-Stack & Data Ops Consultant

- Architect and run event-driven data systems unifying webhook, payment, and shipping events; add ML anomaly detection and auto-classification; own the analytics/AI layer (PostgreSQL, ETL, feature pipelines) powering LLM/RAG with scheduled evaluation and retraining.
- Lead OuterWave Digital (Founder): build an AI creative studio with e-commerce/CMS for exclusive and non-exclusive digital products; deliver an AI Oracle pipeline from intake to LLM narrative to image/video; produce cinematic shorts; grow channels via YouTube automation and analytics.

University of North Carolina Mar 2015 – 2024

### Research Manager

- Coordinated multi-lab studies, owning timelines, IRB/data compliance, and stakeholder reporting; built Python/SQL automations for data collection and cleaning.
- Consolidated workflows across 7 labs, cut reporting cycle time from 10 to 3 days, reduced missing/invalid records by 62%, and delivered reproducible analysis packages adopted by two departments.

## EDUCATION

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University of North Carolina, Chapel Hill, NC 2023

### Bachelor of Arts in Interdisciplinary Innovation

- Designed a custom interdisciplinary major integrating computer science and entrepreneurship.
- Honors: University Honors, Dean's List (all terms), Academic Excellence recognition.

## CERTIFICATION

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Full Stack Web Development Bootcamp Certificate 2023

- Completed a 24-week (450+ hours) Coding Bootcamp at UNC–Chapel Hill covering front- and back-end fundamentals: HTML, CSS, JavaScript, jQuery, Bootstrap, React.js; Node.js, Express.js; database theory, MySQL, NoSQL (MongoDB); command line; and Git.

## SKILLS

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**Technical Proficiency:** Experienced in designing and deploying full-stack applications and AI-driven systems, with a focus on scalable architecture, creative automation, and data-centric development.