

Brian L. Moore

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PROFESSIONAL SUMMARY

Full-stack developer and data analyst in training, pursuing a B.S. in Information Technology & Informatics (4.000 GPA) at Mercer University. Architected three live production platforms featuring multi-role authentication, 3NF PostgreSQL schema design, and cloud deployment. Proficient in React, React Native, Django, TypeScript, PostgreSQL, and AWS. Certified by Harvard (CS50x), Georgia Tech (Full Stack Flex), and IBM (Python for Data Science). Holds a Database Design and Analytics certificate. Seeking remote full-stack or data-focused opportunities.

EDUCATION

Mercer University

Bachelor of Science in Information Technology & Informatics. President's List and Dean's List (every term) | Harris-Davis Transformational Power of Education Award | Phi Kappa Phi, Upsilon Pi Epsilon (UPE), Alpha Sigma Lambda | Certificate: Database Design and Analytics. GPA: 4.000.

Macon, GA

Expected May 2026

Relevant Coursework: Database Design I & II, Systems Analysis and Design, IT Innovation and Informatics, Web Development, Decision Theory

EXPERIENCE

Full-Stack Developer

March 2025 – Present

Self-Employed

McDonough, GA

- Designed, built, and deployed three production applications as sole developer, managing the full software lifecycle from database schema design through cloud deployment.
- CryptoPlay Adventures (crypto-play.io): Architected a COPPA-compliant platform for ages 8-17 using React 18, TypeScript, Vite, and Supabase with four account types and a 3NF PostgreSQL schema with Row-Level Security; integrated Stripe billing and a gamified quiz engine.
- AllInFitnessGroup (allinfitnessgroup.com): Built a full-stack fitness coaching platform (React Native iOS/Android, Django REST API on AWS Elastic Beanstalk) serving 10+ active users with JWT auth, Microsoft Graph API calendar booking, and Firebase push notifications.
- Minted Minds: Shipped a cross-platform financial literacy app (Web, iOS, Android) using React Native, Expo Router, TypeScript, and NativeWind v4 with an Anthropic Claude API integration, 7 interactive financial simulators, and a JSON-driven curriculum architecture.

Head Sound Engineer

April 2014 – June 2022

FAIS-ONE Entertainment

McDonough, GA

- Managed 500+ client projects over eight years; oversaw scheduling, invoicing, and cross-team coordination, building project management skills directly applicable to software development.

PROJECTS

Depression Prevalence During COVID-19

<https://bmoore4452.github.io/covid-depression-research>

INFM 316 Data Analytics, Mercer University -- Spring 2026

- Analyzed depression prevalence across 12 community-based studies (six countries) using the Bueno-Notivol et al. (2021) dataset; produced R (ggplot2, gt) visualizations and applied JBI Critical Appraisal across all 12 studies.
- Published findings as an interactive public site (React 19, TypeScript, Vite, Tailwind CSS 4) auto-deployed to GitHub Pages via GitHub Actions.

CERTIFICATIONS

- Python for Data Science, AI & Development -- IBM (Coursera), July 2023
- What is Data Science? -- IBM (Coursera), May 2024
- CS50x: Introduction to Computer Science -- HarvardX (edX), January 2023
- Full Stack Flex Web Development -- Georgia Institute of Technology, March 2023
- Meta (Coursera): Intro to Back-End Development, Programming in Python, Version Control, August 2023

SKILLS

Languages: Python, JavaScript, TypeScript, SQL, R, HTML5, CSS3

Databases: PostgreSQL (RLS, 3NF), MySQL, MongoDB, Supabase, AWS RDS

Frontend: React 18/19, React Native, Expo, Vite, TailwindCSS, NativeWind, shadcn/ui

Backend: Django REST Framework, Node.js, Supabase Edge Functions, REST APIs, GraphQL

Cloud & DevOps: AWS (Elastic Beanstalk, S3, Amplify, RDS), Firebase (FCM), Git, CI/CD, GitHub Actions

Data & Analytics: R (ggplot2, gt), JBI Critical Appraisal, Quantitative Research, Data Visualization

Auth & Security: JWT, Row-Level Security, COPPA compliance, input sanitization

APIs & Integrations: Stripe, Microsoft Graph API, Anthropic Claude API

Tools & Methods: Agile/Scrum, Zustand, TanStack Query, Responsive Design