

Kristion Bivens

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EDUCATION

Kennesaw State University

Aug 2025 - May 2028

Bachelor of Science, Computer Science - GPA 3.93

- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Discrete Structures, Database Systems

EXPERIENCE

Model Validation Expert

Nov 2025 - Present

Handshake AI

- **Identified 72 recurring LLM reasoning failure patterns through systematic, programmatic evaluation**, enabling targeted prompt refinements that **improved response reliability across production use cases**.
- **Delivered structured LLM evaluations and error analyses**, categorizing recurring failure modes to **drive a 46% improvement in model accuracy and consistency across multiple AI initiatives**.
- **Evaluated 100+ domain-specific prompts using structured LLM evaluation frameworks**, measuring clarity and consistency improvements that **increased response quality by 53% over baseline prompts**.

AI Automation Intern

Nov 2025 - Dec 2025

Wayfair

- **Architected and deployed 12+ production-grade AI agents using JavaScript in n8n** to automate trend detection, competitor tracking, and content generation workflows, **reducing manual research effort by 2+ hours per week per team**.
- **Engineered a SQL-backed, live-refresh analytics pipeline feeding a Google Sheets dashboard**, aggregating AI agent outputs and competitive benchmarks to **support real-time decisions for 8 category teams**.
- **Delivered 12 in-depth market trend analyses with 89% predictive accuracy**, synthesizing consumer demand signals, pricing shifts, and competitor campaigns to **direct category-level strategy decisions across the home-goods portfolio**.

Code Sensei Instructor

Jan 2025 - Aug 2025

Code Ninjas

- Educated **30+ children varying in age group from 5-15 years** in developing and learning software tools (**MS Office, JavaScript, and Unity**) to promote coding and computational skills, which helps build their technological independence.
- Led classroom sessions using **JavaScript and Unity projects**, applying leadership and communication skills to clarify core programming concepts, which improved students' understanding and sparked interest in technology
- Provided individualized support on tasks and projects, enabling the branch to win the **Black Belt Center Award** for **developing the most skilled students across Georgia**.

PROJECTS

Liftbox

Jun 2025 - Jul 2025

Google Summer of Code

- **Developed an end-to-end encrypted, stateless file-sharing system in Go**, leveraging concurrency, automated testing, and containerized deployment to **promote secure design patterns and more reliable collaboration within my Google Summer of Code team**.
- **Improved model evaluation rigor** by studying system outputs and recurring failure patterns across controlled experiments (15+), **informing refinements to validation approaches and overall reliability**.

BigQuery SQL Agent

Oct 2025 - Nov 2025

- **Designed and deployed a multi-agent SQL analysis system using Google's Agent Development Kit (ADK)**, enabling natural-language-to-SQL querying over BigQuery with **automated Terraform-based infrastructure provisioning, IAM configuration, OAuth integration, and Vertex AI deployment**.
- **Implemented a modular multi-agent architecture** with a root orchestrator, a BigQuery-focused NL2SQL agent, and a Python-based analytics agent, using structured dataset documentation and Terraform automation to improve query accuracy, deployment consistency, and usability for non-technical users.

SKILLS

- **Programming Languages:** Python, JavaScript, SQL, Go, HCL, Java, Bash, C#
- **Tools & Platforms:** Git, N8N, Docker, Terraform, Azure, Linux, Agile, React, Node.js, Flask, PyTorch