

Kristion Bivens

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EDUCATION

Kennesaw State University

Aug 2025 - May 2029

Bachelor of Science, Computer Science - GPA 3.93

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

EXPERIENCE

AI Developer

Jan 2026 - Present

AMD

- Built and optimized AI/ML prototypes using **AMD's ROCm and GPU ecosystem**, improving inference performance on target platforms through **GPU acceleration and performance tuning techniques**.
- Designed, trained, and evaluated **3+ deep learning models (CNN-based)** using PyTorch and Python, optimizing inference performance and efficiency for deployment on AMD platforms.
- Optimized AI models using **Agile workflows and HCL**, achieving industry-standard performance benchmarks for model accuracy and inference latency through systematic profiling and performance tuning on AMD platforms.

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 Extern

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 weekly classroom sessions teaching JavaScript and Unity fundamentals, guiding an **average of 10 students** to successfully design and complete functional game projects.
- 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**.
- Analyzed recurring failure patterns across **15+ controlled experiments**, refining validation approaches that led to **more consistent evaluation results and noticeable improvements in system 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