

# Kristion Bivens

Kennesaw, Georgia

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## SUMMARY

Undergraduate Computer Science student proficient in SQL, JavaScript, HTML, and CSS with hands-on experience building interactive web applications and integrating AI features. Developed a web-based data structure visualizer in React and built AI automation agents that streamlined trend analysis.

## SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, SQL (PostgreSQL), HTML, CSS, Go
- **Web & Software Development:** Software Programming, Web Development, React
- **Tools & Platforms:** Git, n8n, Docker
- **AI & Data Structures:** Artificial Intelligence, Machine Learning, Data Structures, Algorithms

## EDUCATION

**Kennesaw State University** May 2029  
*Bachelor of Science, Computer Science*

- **Achievements:** Beta Lambda Lambda Scholars, HOPE Scholars, AP Scholars with Honors
- **Coursework:** Programming Problem Solving I: Python, JavaScript

## PROJECTS

**Data Structure Visualizer** Dec 2025

- Implemented multiple core data structures from scratch in JavaScript (ES6) using React, overcoming challenges in maintaining correctness, state consistency, and invariant preservation across interactive operations.

**Liftbox** Jan 2026

- Programmed an end-to-end encrypted file-sharing app in Go featuring a stateless architecture for multi-device support, concurrent updates to files using GoRoutines, solid security using cryptographic primitives (PBKDF, AES, digital signatures, HMAC), testing using Gingko, and containerization through Docker.

## EXPERIENCE

**Handshake** Nov 2025 - Present  
*Model Validation Expert*

- Evaluated 100+ domain-specific prompts across varied topics using machine learning techniques, improving LLM output clarity and consistency by 53%.
- Leveraged software programming skills to identify 72 recurring model reasoning errors through systematic evaluation, informing improved prompt strategies and more reliable model behavior.
- Delivered structured evaluations and error analyses leveraging data structures expertise that boosted LLM performance by 46% across multiple AI initiatives.

**Extern** Nov 2025 - Dec 2025  
*AI Automation Extern*

- Built 12+ AI agents in n8n using JavaScript for trend detection, competitor tracking, and automated content generation, reducing manual research time by 2 hours per week.
- Completed 12 in-depth trend analyses with 89% accuracy, mapping consumer demand patterns, style preferences, pricing shifts, and competitor campaigns to inform category strategy in the home-goods space.
- Created a live-updating Google Sheets dashboard integrating AI trend signals, agent outputs, and competitive benchmarks via SQL queries, supporting 8 category teams in real-time decision making.

