

Bijan Moazami Nikain

Atlanta, GA | U.S. Citizen | linkedin.com/in/bijan-nikain/

Education

GEORGIA INSTITUTE OF TECHNOLOGY | Atlanta, GA Jan 2025 – Dec 2025 (expected)

- Master of Science in Computer Science
- Specialization: Artificial Intelligence

GPA: 3.75

GEORGIA INSTITUTE OF TECHNOLOGY | Atlanta, GA Aug 2020 – Dec 2024

- Bachelor of Science in Computer Science, Highest Honors
- Concentration: Intelligence & Information Internetworks

GPA: 3.77, Major GPA: 4.0

Work Experience

CIGNA GROUP | Full-Time Austin, TX

Machine Learning Engineer Intern

May - Aug 2025

- Built an AI chatbot to deliver insights on healthcare claims at both client and patient levels
- Implemented a Retrieval-Augmented Generation (RAG) pipeline with FAISS and Milvus, achieving 100% correctness (LLM-as-Judge) on the internal dataset while reducing token usage by 90%
- Engineered an AI agent to dynamically adjust context size based on each question's complexity, improving retrieval efficiency and response accuracy
- Deployed a Streamlit application on AWS ECS and Databricks for scalable data storage and preprocessing

AT&T | Full-Time Alpharetta, GA

Machine Learning Engineer Intern

May - Aug 2024

- Designed and implemented a LLaVA-based RLHF system to extract key information from software engineering diagrams to be used in AI-driven software development life cycle
- Implemented a Flask API to interface with a RAG pipeline processing 1K+ page design documents
- Built custom dataset generators using CytoscapeJS and HTML for training and evaluation

UPS | Full-Time Alpharetta, GA

Software Engineer Intern June – Aug 2023

- Developed a full stack asset-tracking web application for hospitals using React.js and Node.js
- Built a MySQL-backed database integrated through Express.js for efficient data management
- Integrated multiple APIs, such as Google Maps, to enhance user experience and functionality

GEORGIA INSTITUTE OF TECHNOLOGY | Part-Time Atlanta, GA

Head Teaching Assistant: Computer Systems & Networks May – Aug 2023

- Led a course on memory management, computer architecture, networking, and multithreading
- Trained and managed a team of new teaching assistants
- Held office hours (3 hrs.) and led a recitation (50+ students) weekly to reinforce content
- Led project, exam, and homework creation, assigning and reviewing grading tasks for TA team

Graduate Teaching Assistant: Database Systems Jan 2025 - Present

- Supported students in a course on database design and implementation using MySQL
- Collaborated with instructors to develop a new course project, including ER diagram, database schema, and stored procedures, later deployed to 500+ students
- Held weekly office hours (3 hrs) to clarify database concepts and assist with course assignments

Skills

Programming: Python, Java, JavaScript, C, SQL, HTML/CSS

Frameworks: PyTorch, Flask, React.js, Node.js, LangChain

Tools & Platforms: Git, Docker, Databricks, Milvus, FAISS, MySQL, Agile

Concepts: Deep Learning, RLHF, PEFT, RAG, Computer Networking, Database Systems, OOP