

# Raasikh Kanjiani

raasikh.kanjiani@gmail.com | +1 404-428-8533 | github.com/Student9676 | linkedin.com/in/raasikhk | Atlanta, GA

## EDUCATION

### Emory University

Bachelor of Science in Computer Science, Minor in Mathematics

Atlanta, GA

Aug. 2023 – May 2026

## EXPERIENCE

### Technology Strategy Intern

June 2024 – Present

Horizon Blue Cross Blue Shield of New Jersey

Newark, NJ

- Improve prior authorization business process by incorporating APIs, projected to decrease response time by 83%.
- Reduce manual data loading efforts by automating Python scripts for 1,000+ projects, saving 10+ hours.
- Design an AI Agent framework to make 100K+ datasets and pipelines explainable and accessible to employees.

### Machine Learning Research Intern

June 2024 – December 2024

NSF REU at Emory University

Atlanta, GA

- Developed a Digital Twin framework to simulate human behavior in real time, leveraging 30+ live datapoints.
- Improved an information retrieval module by implementing a RAG pipeline, accessing 700K+ academic papers.
- Developed a script to benchmark recently published GenAI models by analyzing 10,000+ lines of code.

**Publication:** Hu, Y., **Kanjiani, R.**, et al. Hierarchical Taxonomy-Driven Automatic Literature Review Generation.

### iOS App Development Intern

Jan. 2024 – May 2024

USA Boccia

Remote

- Built a Boccia game-keeping iOS app to streamline 500+ annual Boccia community games using Swift.
- Simplified match tracking for 7500+ viewers by designing a live scoreboard screencast onto external displays.

### ArcGIS Mapping Intern

Aug. 2022 – May 2023

The State Botanical Garden of Georgia

Athens, GA

- Automated plotting of 11,047 taxa into an ArcGIS map by devising new data collection and organization methods.
- Decreased data logging time by 95% by engineering a data pipeline using Python and the OpenPyXL library.

## PROJECTS

### AI College Schedule Builder | React, FastAPI, Python, PostgreSQL, MongoDB

January 2025 – May 2025

Product Owner and Full-Stack Developer

- Developed a web app to help 200+ students build time-specific, personalized schedules and college roadmaps.
- Designed a PostgreSQL and vector database schema to store and retrieve web-scraped data of 16,000+ courses.
- Optimized the AI scheduling algorithm, reducing runtime by 90% by efficiently caching course description vectors.

### Language Bias Remover | Python, PyTorch, React, Django, LangChain

June 2024 – Aug. 2024

Full-Stack Developer and Researcher

- Fine-tuned Google's BERT model to detect 83% of all language biases and jargon in public artifact descriptions.
- Created a custom GPT-3.5 chatbot to replace biases with inclusive language in 90% of public descriptions.
- Developed a full-stack web application using TypeScript to showcase the model to 200+ museum employees.

## SKILLS

**Programming Languages:** Python, TypeScript, Java, SQL, HTML, CSS, Swift, C, R.

**Frameworks/Libraries:** React, Vite, Tailwind, FastAPI, Django, PyTorch, Scikit-learn, Playwright, PyTest.

**Tools/Platforms:** Salesforce, Google Cloud Platform, PostgreSQL, MongoDB, Git.

## LEADERSHIP

### Student Advising Leader

Apr. 2023 – June 2024

Matriculate

Remote

- Achieved 20% higher advisor applications than the previous year through personalized email and SMS outreach.
- Organized workshops and meetings to guide 3 students in writing college essays and applying for financial aid.

## HONORS AND CERTIFICATIONS

National Science Foundation Grant Recipient, National Name Exchange Member, Presidential Scholar (1 Semester), Dean's List (1 Semester), International Baccalaureate Diploma Recipient, Honors Diploma Recipient.