

Raasikh Kanjiani

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

EDUCATION

Emory University

Atlanta, GA

Bachelor of Science in Computer Science, Minor in Mathematics

Aug. 2023 – May 2026

Relevant Coursework: Software Engineering, Database Systems, Graph Deep Learning, Natural Language Processing, Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Linear Algebra.

EXPERIENCE

Machine Learning Research Intern

June 2024 – December 2024

NSF REU at Emory University

Atlanta, GA

- Implemented a retrieval algorithm to extract query-relevant papers from a dataset of 700,000+ papers.
- Developed a framework to evaluate 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 to be cast 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.
- Supervised a team of three in collecting new field data for 300+ flowers, facilitating the visits of 230,000+ visitors.

PROJECTS

AI Semester Schedule Builder | *React, FastAPI, Python, PostgreSQL, MongoDB*

January 2025 – Present

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 database schema to store web-scraped data of 16,000+ course offerings using PostgreSQL.
- Optimized AI scheduling algorithm, reducing runtime by 90% by 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, PyTest.

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

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.