Raasikh Kanjiani

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

EDUCATION

Emory University — Atlanta, GA
Bachelor of Science in Computer Science, Minor in Mathematics — *Aug. 2023 – May 2026*

University of Georgia — Athens, GA
Bachelor of Science in Computer Science — *Aug. 2022 – May 2023*

Coursework: Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Multivariable Calculus, Linear Algebra, Systems Programming, Computer Architecture.

Programming Languages: Python (Proficient), Java (Proficient), Swift (Intermediate), C (Intermediate), R (Intermediate), Unix/Linux (Proficient), Emacs, Objective-C, Assembly, JavaScript, SQL, Lua, Latex.

EXPERIENCE

Technical Research Intern — June 2024 – December 2024
NSF REU at Emory University — *Atlanta, GA*
- Implemented a RAG-based querying system to extract relevant data from research papers for summarization.
- Experimented with different graph retrieval methods, utilizing data of 690,000+ papers and 10,000+ reviews.
- Adapted recently published models and researched metrics to compare and quantify model performance.

Publication: Hu, Y., **Kanjiani, R.**, et al. (2024). HiReview: Hierarchical Taxonomy-Driven Automatic Literature Review Generation. [Submitted to ICLR 2025]

App Development Intern — Jan. 2024 – May 2024
USA Boccia — *Remote*
- Built an internationally compliant game-keeping iOS app to streamline 500+ annual Boccia games using Swift.
- Constructed a backend using the Core Data framework to efficiently save and restore match history data locally.
- Simplified match tracking for 7500+ viewers by designing a scoreboard UI 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 90% 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 Language Bias Remover | *Python, Transformers, PyTorch, React* — June 2024 – Aug. 2024
Full-Stack Developer
- Fine-tuned Google's BERT model to detect language bias and jargon in artifact descriptions with 83% accuracy.
- Created a custom ChatGPT chatbot to replace biases with inclusive language in 30% of public records.
- Developed a full-stack web application using React, JavaScript, HTML, and CSS to showcase the model.

Gran Turismo 7 Race Predictor | *Python, Swift, Sklearn* — May 2024 – June 2024
Personal Project
- Training a Naive Bayes classifier to predict final race positions with 70% accuracy in the Gran Turismo 7 game.
- Designing a data pipeline to stream live game data from the console to the app every millisecond for predictions.

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 personally help 3 students write college essays and apply for financial aid.

HONORS AND CERTIFICATIONS

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