

Raasikh Kanjiani

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

EDUCATION

Emory University

Bachelor of Science in Computer Science, Minor in Mathematics

Atlanta, GA

Aug. 2023 – May 2026

University of Georgia

Bachelor of Science in Computer Science, New Media Certificate

Athens, GA

Aug. 2022 – May 2023

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

Programming Languages: Python (Advanced), Java (Advanced), Swift (Intermediate), C (Intermediate), R (Intermediate), Objective-C, Assembly, JavaScript, SQL, Lua, Latex.

EXPERIENCE

Technical Research Intern

National Science Foundation

June 2024 – Present

Atlanta, GA

- Develop a literature review generator utilizing a graph with data of 690,000+ papers and 10,000+ reviews.
- Implement recently published models and research metrics to compare and quantify the model's performance.

iOS App Development Intern

USA Boccia

Jan. 2024 – May 2024

Remote

- Streamlined game-keeping in 500+ annual Boccia matches by developing a new, modern, and internationally regulation-compliant match-keeping app using Swift, Objective-C, SwiftUI, and the Core Data framework.

ArcGIS Mapping Team Leader

State Botanical Garden of Georgia

Aug. 2022 – May 2023

Athens, GA

- Automate plotting of 11,047 taxa into an ArcGIS map by devising a new data collection and organization method.
- 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

Museum Artifact Description Debiaser | *Python, Transformers, PyTorch, Sklearn*

June 2024 – Present

- Fine-tune Google's BERT model to detect language bias and jargon in artifact descriptions with 83% accuracy.
- Collaborate with a team of 6 to create a custom ChatGPT chatbot to replace biases with inclusive language.

Gran Turismo 7 Race Predictor | *Python, Swift*

May 2024 – Present

- Train a Naive Bayes model to achieve 70% accuracy in final race position predictions in the Gran Turismo 7 game.
- Designed a data pipeline to stream live game data from the console to the app every millisecond for predictions.

PUBLICATIONS

Zhu, M., Kanjiani, R., Lu, J., Choi, A., Ye, Q., & Zhao, L. (2024). LatentExplainer: Explaining latent representations in deep generative models with multi-modal foundation models. Manuscript submitted for presentation at the Conference on Empirical Methods in Natural Language Processing, Miami, FL.

LEADERSHIP

Advising Fellow Leadership Team Member

Matriculate

Apr. 2023 – June 2024

Atlanta, GA

- Achieved 20% higher advisor applications than last year through personalized email and SMS outreach.
- Led weekly workshops and meetings to support 3 high school students apply for college and financial aid.

HONORS AND CERTIFICATIONS

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