Raasikh Kanjiani

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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, New Media Certificate   *Aug. 2022 – May 2023*

Coursework: Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Systems Programming, Computer Architecture

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

EXPERIENCE

Research Intern (REU)   June 2022 – Present
Emory University   *Atlanta, GA*

- Develop a scientific contribution aware literature review generation model by incorporating a graph neural network with 690,000+ papers and 10,000+ literature reviews.
- Research appropriate summarization evaluation frameworks and metrics to quantify model performance.

iOS App Development Intern   Jan. 2024 – May 2024
USA Boccia   *Remote*

- Streamlined game-keeping in a 100+ annual Boccia matches by developing a modern, internationally regulation-compliant match-keeping app using Swift, Objective-C, SwiftUI, and the Core Data framework.

ArcGIS Mapping Team Leader   Aug. 2022 – May 2023
State Botanical Garden of Georgia   *Athens, GA*

- Decreased data logging time by 90% by engineering a data pipeline using Python and the OpenPyXL library to automate the plotting of 11,047 taxa into an ArcGIS map.
- Facilitated the visits of 230,000+ annual visitors by coordinating the team's collection of new Narcissus field data and updating the public garden map.

PROJECTS

Gran Turismo 7 Predictor | *Python, Scikit-learn*   May 2024 – Present

- Achieve a accuracy of 70% for final position prediction for the Gran Turismo 7 racing game.
- Train a Naive Bayes classifier and stream game data from the granturismo library.

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. Paper presented at the Conference on Empirical Methods in Natural Language Processing, Miami, FL. [Submitted]

LEADERSHIP

Advising Fellow Leadership Team Member   Apr. 2023 – June 2024
Matriculate   *Atlanta, GA*

- Achieved 20% higher advisor applications than last year through email and personal outreach.
- Supported 3 high school students apply for college and financial aid through essay reviews and weekly meetings.

HONORS AND CERTIFICATIONS

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