

Raasikh Kanjiani

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EDUCATION

Emory University

Atlanta, GA

Bachelor of Science in Computer Science, Minor in Mathematics

Aug. 2023 – May 2026

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

PROFESSIONAL SUMMARY

Truly passionate, aspiring software developer with a desire to work in any technical area, but primarily interested in Artificial Intelligence and its interdisciplinary connections. Will achieve more results than required through persistent hard work, strong analytical skills, and quick learning capabilities. Willing to lead, learn, and share knowledge.

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.