

Raasikh Kanjiani

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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

Emory University

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.

App Development Intern

USA Boccia

Jan. 2024 – May 2024

Remote

- Built an internationally compliant game-keeping iOS app to streamline 500+ annual Boccia games using Swift.
- Constructed a back end using the Core Data framework to locally save and recall user data and match history.

ArcGIS Mapping Intern

The State Botanical Garden of Georgia

Aug. 2022 – May 2023

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

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

Full Stack Developer

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 six to create a custom ChatGPT chatbot to replace biases with inclusive language.

Gran Turismo 7 Race Predictor | *Python, Swift, Sklearn*

Personal Project

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. [Submitted]

LEADERSHIP

Advising Fellow Team Leader

Matriculate

Apr. 2023 – June 2024

Remote

- 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.