

Raasikh Kanjiani

raasikh.kanjiani@emory.edu • 404-428-8533 (mobile) • linkedin.com/in/raasikhk • github.com/Student9676

CURRENT ADDRESS

7110 Paces Park Dr
Decatur, Georgia 30033

PERMANENT ADDRESS

7110 Paces Park Dr
Decatur, Georgia 30033

OBJECTIVE: Truly passionate, aspiring software developer with a desire to work with AI but interested in any technical area and its interdisciplinary connections. Persistent hard worker with strong analytical skills and quick learning capabilities. Willing to learn, connect, and lead.

EDUCATION:

Emory University - Atlanta, Georgia

Bachelor of Science in Computer Science / Minor in Mathematics

GPA: 3.8/4.0

Expected Graduation: May 2026

RELEVANT COURSES:

- Data Structures and Algorithms
- Machine Learning
- Systems Programming
- Artificial Intelligence
- Computer Architecture
- Discrete Mathematics

TECHNICAL/NON-TECHNICAL SKILLS:

- Java, Python, Swift, C, R, SQL, Latex
- Visual Studio Code, Eclipse
- App UI Design, Research
- Objective-C, Assembly, JavaScript, Lua
- Unix, MacOS, Windows 10
- Computer Building
- Microsoft Word, Excel, PowerPoint
- Davinci Resolve, Adobe Photoshop
- Bilingual in English and Urdu

EXPERIENCE:

Emory University, Atlanta, GA

Research Intern

June 2024 - Present

- 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.

USA Boccia, Remote

App Development Intern

January 2024 – May 2024

- 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.

State Botanical Garden of Georgia, Athens, GA

ArcGIS Mapping Team Leader

August 2022 – May 2023

- 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/RESEARCH:

Museum Artifact Tagging Bias

Team Member

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 Predictor

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. Manuscript submitted for presentation at the Conference on Empirical Methods in Natural Language Processing, Miami, FL.

LEADERSHIP/ORGANIZATIONS:

Matriculate, Remote

Advising Fellow Leadership Team Member

April 2023 – June 2024

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

ACTIVITIES/AWARDS:

- National Name Exchange
- Member
- June 2024 – Present
- Presidential Scholar and Dean's List
- Recipient
- Fall 2022, Spring 2023
- International Baccalaureate Diploma
- Recipient
- May 2022