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: Secure an internship where I will be able to use my passion and real-world problem-solving skills to contribute to business-critical projects and find a suitable work culture where I can develop more industry-standard skills and practices.

EDUCATION:

Emory University - Atlanta, Georgia   **Expected Graduation: May 2026**

Bachelor of Science in Computer Science / Minor in Mathematics

GPA: 3.8/4.0

RELEVANT COURSES:

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

TECHNICAL/NON-TECHNICAL SKILLS:

- Java, Python, C, R, SQL, Latex
- React.js, JavaScript, Swift, HTML/CSS
- Visual Studio Code, Eclipse
- Unix, MacOS, Windows 10
- Bilingual in English and Urdu
- Microsoft Word, Excel, PowerPoint

PROJECTS/RESEARCH

Museum Artifact Description Debiaser   **Project Lead**   **June 2024 – December 2024**

- Fine-tuned Google's BERT model to detect language bias and jargon terms in museum artifact descriptions with 83% accuracy.
- Created a custom ChatGPT chatbot to help the staff replace detected biases with inclusive language before publication.
- Developed a full-stack web application using React.js, JavaScript, and CSS to showcase the model pipeline and research findings.

Gran Turismo 7 Predictor   **Personal Project**   **May 2024 – June 2024**

- Trained a Naive Bayes classifier to predict final race positions with 70% accuracy in Gran Turismo 7 offline races.
- Designed a data pipeline to stream live game data from the console to the iOS app every millisecond for making predictions.

EXPERIENCE:

NSF REU at Emory University, Atlanta, GA   **Technical Research Intern**   **June 2024 – December 2024**

- Developed an automated literature survey generator, utilizing graph data of 690,000+ papers and 10,000+ surveys.
- Implemented a RAG-based querying system to extract relevant data from papers to aid the model in survey generation.
- Adapted recently published models and researched evaluation 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 ease match tracking in 500+ annual Boccia games using Swift.
- Constructed a back end using the Core Data framework to efficiently save and restore user and match history data locally.
- Designed a scoreboard UI to be cast onto external displays, helping audiences of 7500+ viewers track match progress.

State Botanical Garden of Georgia, Athens, GA   **ArcGIS Mapping Intern**   **August 2022 – May 2023**

- Automated the plotting of 11,047 taxa into the garden's ArcGIS map by devising new data collection and organization methods.
- Decreased data logging time by 90% by engineering an automated data pipeline using Python and the OpenPyXL library.
- Supervised a team of three students in collecting new field data for 300+ flowers, facilitating the visits of 230,000+ visitors.

VOLUNTEER EXPERIENCE:

Center for AI Learning, Atlanta, GA   **Technical Advisor**   **August 2024 – December 2024**

- Guided students in devising project plans, researching technical publications, and developing data approaches.
- Helped students install and setup software relevant to their projects and troubleshooted technical issues.

LEADERSHIP/ORGANIZATIONS:

Matriculate, Remote   **Student Advising Fellow Team Leader**   **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 Science Foundation Grant Funding	Recipient	June 2024 – Dec. 2024
National Name Exchange	Member	June 2024 – Present
Presidential Scholar and Dean's List	Recipient	Fall 2022, Spring 2023
International Baccalaureate Diploma	Recipient	May 2022