**Raasikh Kanjiani**

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| **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, Swift, C, R, SQL, Latex * Unix, JavaScript, Objective-C | * Visual Studio Code, Eclipse * Unix, MacOS, Windows 10 | * Bilingual in English and Urdu * Microsoft Word, Excel, PowerPoint |

**PROJECTS/RESEARCH**

**[Museum Artifact Description Debiaser](https://github.com/Student9676/carlos-artifact-tagging-bias) Project Lead June 2024 – Present**

* Fine-tuning Google's BERT model to detect language bias and jargon terms in museum artifact descriptions with 83% accuracy.
* Creating a custom ChatGPT chatbot to help the staff replace detected biases with inclusive language before publication.
* Developing a full-stack web application using React and Django to showcase demos of the model pipeline and research findings.

[**Gran Turismo 7 Predictor**](https://github.com/Student9676/gt7predictor) **Personal Project May 2024 - Present**

* Training a Naive Bayes classifier to predict final race positions with 70% accuracy in Gran Turismo 7 offline races.
* Designing 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 - Present**

* Developing an automated literature survey generator, utilizing graph data of 690,000+ papers and 10,000+ surveys.
* Implementing a RAG-based querying system to extract relevant data from papers to aid the model in survey generation.
* Adapting recently published models and researching 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 – Present**

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