**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 a full-time position where I will be able to use my passion and problem-solving skills to actively bring results and technical solutions to business problems and find a suitable work culture where I can contribute ideas and develop more skills.

**EDUCATION:**

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

**Bachelor of Science in Computer Science / Minor in Mathematics**

**GPA: 3.7/4.0**

**RELEVANT COURSES:**

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

**TECHNICAL/NON-TECHNICAL SKILLS:**

|  |  |  |
| --- | --- | --- |
| * Python, Java, C, R, SQL, Latex * React, TypeScript, Swift, HTML/CSS | * FastAPI, Django, MongoDB * Unix, MacOS, Windows 10 | * Scrum, Agile Methodology * Microsoft Word, Excel, PowerPoint |

**PROJECTS/RESEARCH:**

**[AI College Schedule Builder](https://github.com/Student9676/DegreeFlow) Personal Project May 2024 – June 2024**

* Developed a web app to help 200+ students build time-specific, personalized schedules and college roadmaps.
* Implemented a PostgreSQL and vector database to efficiently store and retrieve data of 16,000+ courses.
* Optimized AI scheduling algorithm, reducing runtime by 90% by efficiently caching course description vectors.

[**Museum Artifact Description Debiaser**](https://github.com/Student9676/carlos-artifact-tagging-bias) **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.

**EXPERIENCE:**

**Horizon Blue Cross Blue Shield of New Jersey Technology Strategy Intern June 2025 – August 2025**

* Building FHIR-compliant APIs to decrease prior authorization response time by 83% for 3M+ members.
* Implementing Python scripts to automate data extraction of 1,000+ project records, saving ∼$30K annually.
* Designing an AI Agent framework to make 100K+ datasets and pipelines explainable and accessible to employees.

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

* Engineered a Digital Twin framework to simulate human behavior in real time, leveraging 30+ live data points.
* Built an information retrieval module for a RAG pipeline, querying 700K+ academic papers for relevant context.
* Developed a script to benchmark recently published GenAI models by analyzing 10,000+ lines of code.

**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 efficiently save and restore user and match history data locally.
* Simplified match tracking for 7500+ viewers by designing a live scoreboard screencast onto external displays.

**State Botanical Garden of Georgia, Athens, GA ArcGIS Mapping Intern 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 95% by engineering a data pipeline using Python and the OpenPyXL library.

**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:**

* Honors College Member July 2025 – Present
* T. Howard Foundation Final Talent Pool Member January 2025
* National Science Foundation Grant Recipient June 2024 – Dec. 2024
* National Name Exchange Member June 2024 – Present
* International Baccalaureate Diploma Recipient May 2022