

# Tanisha Paryani

858-886-9135 | [tparyani6@gatech.edu](mailto:tparyani6@gatech.edu) | [tanishaparyani.github.io](https://tanishaparyani.github.io)

## EDUCATION

### Georgia Institute of Technology

*Bachelor of Science in Computer Science, Dean's List*

Atlanta, GA

Aug. 2023 – December 2025

### Palomar College

*Dual Enrollment/Transfer*

San Diego, CA

Aug. 2022 – May 2023

## EXPERIENCE

### HCAI/XAI Research Assistant

*Dr. Jennifer Kim- Co-Well Comp Lab @ GT*

August 2024 – Present

Atlanta, GA

- Developing a Flask-based application using Python, LangChain, and the Azure OpenAI API to support neurodivergent job seekers, emphasizing model customization and explainable outputs.
- Incorporating accessible, interactive frontend components with HTML, CSS, and JavaScript, applying a double-empathy approach for ND users.
- Exploring the real-time adaptability of LLMs through prompt engineering and user feedback integration.

### Application Developer Intern

*Attollo Engineering*

May 2024 – August 2024

Camarillo, CA

- Developed a full-stack Android Team Awareness Kit mobile application from scratch to interface with Attollo's military-grade laser range finder, reducing operation time by 50% of traditional microdisplay. Prototyped with Figma.
- Conducted alignment and calibration of laser range systems within the electro-optical engineering laboratory.

### Frontend Developer

*UniBuzzy*

October 2024 – April 2024

Atlanta, GA

- Designed a platform for all in one integration for campus-wide advertisement, categorized community channels.
- Implemented novel features (Friend Finder, Invitations) using Vue.js and Javascript for productive, virtual campus town app.

### Android Developer Intern

*Healthcoco*

May 2023 – August 2023

Remote

- Designed a dynamic dual-user interface on Android Studio, enabling over 20,000 doctors to seamlessly connect with patients in remote areas of India, significantly improving healthcare accessibility. Prototyped with Canva.
- Created an automated treatment scheduling feature and SMS notification system for orthodontists, including form creation that triggers a complete schedule generation.

## PROJECTS

### Aggregated Ticketing Application | *Flask, ReactJS, REST API, Figma*

October 2024 – Present

- Building a centralized platform to simplify ticket purchasing, focusing on transparency and accessibility. Prototyped with Figma after conducting user research among students @ GT.
- Implemented intuitive search, filter, and comparison features with ReactJS, HTML, and CSS to enhance user experience
- Configuring an optimized backend with MongoDB and Redis for large-scale data integration from various ticketing platform APIs.

### Leaf & Loom – HackGT '24 | *Django, Python, HTML/CSS*

September 2024

- Built an eco-friendly marketplace with Django, utilizing SQL for data storage and HTML/CSS for an interactive user interface.
- Established user authentication, product addition/filtering, and marketplace navigation features to promote sustainability-focused product exchanges.

## TECHNICAL SKILLS

**Languages:** Java, Python, C, C++, JavaScript, HTML/CSS, SQL

**Software:** Figma, Canva, Android Studio, VS Code, Docker

**Frameworks/Environments:** Django, ATAK, Node.js, Flask, PyTorch, Jupyter Notebook

**Relevant Coursework:** Data Structures and Algorithms, Design and Analysis of Algorithms, OOD/Agile Methodologies, User Interface Design, Intro to AI, Linear Algebra, Differential Equations, Discrete Mathematics