# Eshaani Kamala Arvind

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## EDUCATION

**University of South Florida**                                                     Tampa, Florida
Bachelor of Science in Computer Science                                             *May 2025*
GPA: 3.69

## SKILLS

Programming : Python, C , C++, Javascript
Database & Web development : MySQL, SQL, MongoDB, HTML, CSS, Tailwind, Vite
Frameworks & Technologies: React js, Node js,Vue js, Docker, Git, Selenium, Postman, AWS

## EXPERIENCE

**AI Interview Assistant Project lead, Microsoft**                                   *August 2024*

- Designing and developing an AI-powered interview assistant using Azure OpenAI to simulate real-time mock interviews, improving user preparation by 30%.
- Collaborating with a team of 2 peers and 2 company employees to integrate the assistant with Azure, deploying the app for easy scalability and accessibility.
- Implementing interactive question-answer scenarios, providing personalized feedback to users based on their responses and improving interview performance tracking by 20%.

**AR Learning research assistant, EnCoDe Research Lab**                              *July 2024*

- Collaborating with a team to design and develop augmented reality (AR) educational tools for children, aiming to enhance engagement and learning outcomes by 25%.
- Researched user interaction patterns to tailor AR experiences that support cognitive development and adaptive learning for various age groups.
- Utilized the insights from human-computer interaction research to design more effective and engaging AR content for students aged 6-12.

**Software engineering intern, Realty dynamics**                                     *May 2024*

- Updated over 100 datasets using scripts and data scraping processes, automated 10 key processes, and enhanced 5 existing products to improve data accuracy and operational efficiency.
- Collaborated on improving and systematizing generative AI chatbot application related to land development code using Agile methods, increasing user interaction efficiency by 30%.
- Successfully contributed to the enhancement of the app, resulting in a 15% increase in user satisfaction and a 20% improvement in operational efficiency.

## PROJECTS

**AI Recommendation Website**                                                       *June 2024*

- Developed a responsive web application using React, Vite, Tailwind CSS, improving user experience and navigation by 40%.
- Implemented a robust backend with SQLite, efficiently managing over 100 images and user inputs.
- Trained and deployed a custom ML model to categorize images and generate personalized outfit recommendations, integrated using Flask.

## WORK & LEADERSHIP

USF Girls who code: *Vice president* - Led initiatives to promote coding and technology education among girls.
USF Data Science Club: *Vice president* - Orchestrated 10+ workshops related to data analysis and data models.
NASA L'Space Academy - Led a STEM project as the team's *computer hardware engineer.*