PRANEEL SREEPADA

469-514-5992 | praneel.sreepada@gmail.com | linkedin.com/in/praneelsreepada

Education

The University of Texas at Dallas — Richardson, TX
Bachelor of Science in Computer Science — Expected Graduation: May 2027

Projects

Trash Trends Venture Project | ***YOLO, Python, Anaconda, VS Code***

- Collaborated with the Artificial Intelligence Student Collective to explore real-time object detection using YOLO.
- Utilized Python and drone technology for Computer Vision to track urban waste patterns.
- Integrated drone imagery with YOLO's object detection capabilities, leading to a 25% improvement in waste pattern tracking accuracy.

META Web Application | ***Microsoft Azure, HTML, CSS***

- Created a web application to aid nurses and doctors by creating META (Medical Emergency Triage Assistant)
- Mentored by a Microsoft Data Architect and developed an AI-based solution to reduce ER triage time by leveraging Microsoft Azure's Cognitive Services, specifically the Computer Vision API.
- Collaborated with healthcare professionals to optimize the AI model, achieving 50% improvement in triage decision speed and accuracy.

FinSure | ***HTML, CSS, Vercel***

- Developed a financial services website catering to individuals with limited access to traditional banking systems.
- Implemented key features including account balances, credit builder card management, investment options and tracking, and meeting scheduling.
- Designed a user-friendly interface and utilized Vercel for efficient deployment during a hackathon.

Clubs and Organizations

Kappa Theta Pi (KTP) | ***Software Developer***

- Developed software solutions for various projects.
- Collaborated with team members to design and implement tools to improve efficiency.

Phi Gamma Delta (FIJI)

- Active member contributing to community service and leadership development activities.
- Participated in philanthropic events and organized social gatherings to strengthen brotherhood.

Artificial Intelligence Student Collective

- Researched and applied Computer Vision for urban waste management.
- Engaged in workshops and knowledge-sharing sessions on the latest advancements in Artificial Intelligence.

UTD's Premier Interdisciplinary Global Health Case Competition

- Worked in teams to propose innovative solutions to real-world global health challenges.
- Presented strategic health solutions to a panel of interdisciplinary experts, gaining valuable feedback.

Awards

- Comet Transfer Scholar at UT Dallas.
- New American University Scholar, ASU Dean's Award recipient.
- Selected into Barrett Honors College at ASU.
- 1st Place - 2023 Technology Student Association Regionals (Website Design).
- Accepted into the Independent Study and Mentorship (ISM) program (2021–2023).

Technical Skills

Languages: Java, Python, HTML, CSS
Tools: Microsoft Azure, Blender, Git, Anaconda, Vercel, YOLO
Skills: Design Thinking, Problem-Solving, Time Management, Project Management, Machine Learning Basics