

Niveta Sree Gunda

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PROFESSIONAL SUMMARY

Incoming AI student at UC San Diego with hands-on experience in machine learning research, mobile app development, and community leadership. Co-authored a peer-reviewed, IEEE-published paper on bias reduction in large language models, built apps addressing real-world communication and sustainability challenges, and founded a cybersecurity club that grew to over 100 members. Experienced leading research teams, organizing large-scale events, and applying AI techniques across diverse problem domains.

EDUCATION

University of California, San Diego <i>Incoming Student, Artificial Intelligence.</i>	<i>Incoming</i>
San Joaquin Delta College <i>Dual Enrollment.</i>	Mountain House, CA 2022 – 2026
Mountain House High School <i>High School Diploma.</i>	Mountain House, CA 2022 – 2026
Qubit x Qubit Quantum Computing School	Remote 2023 – 2024

EXPERIENCE

Student Researcher <i>Aspiring Student Directed Research Program (ASDRP)</i>	Jan 2024 – Present Warm Springs
- Lead a team of 2 on independent research projects, including an investigation into the effect of AI on children's brain development - Developed an app and co-authored a research paper examining how emotion is bridged with text in online communication	
Student Developer and Researcher <i>Polygence</i>	Jul 2024 – Jan 2025 Remote
Built a mobile app that scans household waste products and guides users on how to properly recycle and upcycle items	
AI Researcher <i>BLAST AI</i>	Jun 2023 – Aug 2023 Remote
- Completed an intensive two-week bootcamp covering computer vision, NLP, GANs, classification models, neural networks, reinforcement learning, transformers, and embeddings - Co-authored IEEE-published paper 'Quantifying Bias in Agentic Large Language Models: A Benchmarking Approach', available on IEEE Xplore (doi: 10.1109/IEEEEXPLORE.10601938) - Developed a dataset using minimal-bias prompt engineering techniques to produce more neutral outputs from LLMs	
Founder and President <i>CyberPatriot Club, Mountain House High School</i>	Aug 2023 – Present Mountain House, CA
- Founded and grew a cybersecurity club from 50 members to over 100 members across 3 years, holding monthly meetings and overseeing club operations - Trained over 60 students for the CyberPatriot Competition and taught core cybersecurity concepts to the broader membership - Organized fundraisers and represented the club at school fairs	
Co-Host <i>NASA Space Apps Challenge</i>	Jul 2023 – Present Mountain House, CA and San Diego, CA
- Co-host the NASA Space Apps Challenge local event in Mountain House, organizing information sessions, opening and closing ceremonies, and the judging process - Launched a new NASA Space Apps Challenge local event in San Diego, expanding the program to a second city - Recruited and prepared teams, raised funds for event prizes, and coordinated judges across both events	

AWARDS & HONORS

- UC Davis Teen Biotech Challenge, Bronze Winner (2024)
- The Congressional Award Bronze Certificate

SKILLS

Technical: Machine Learning, Generative AI, Prompt Engineering, Data Analysis, Quantum Computing, Mobile App Development, Research Methodologies

Programming Languages: Python, Java, HTML, CSS, JavaScript, Swift (basic)

Spoken Languages: English (fluent), Telugu (fluent)

Professional: Team Leadership, Project Management, Problem-Solving, Communication, Research and Analysis