Saanvi Nandanwar

saanvinandanwar@gmail.com | (669)-278-8945 | Los Angeles, CA, 90095

EDUCATION

University of California, Los Angeles | School of Letters and Sciences   Los Angeles, CA
Bachelors in Computer Science and Linguistics | Minor in Data Science & Engineering   *June 2027*
GPA: 4.00   Relevant Coursework: Ling 20, Math 32A, Com Sci 32, Math 170E, Lifesci 30A

Mission San Jose High School   Fremont, CA
GPA: 3.97   Awards: National Merit Scholarship Finalist, President's Volunteer Service Award - Gold   *June 2023*
Relevant Coursework: Discrete Math, Introduction to C++ Programming, AP Physics C: Mechanics + Electricity & Magnetism

EXPERIENCE

SWE Member   *Sep. 2023 – Present*
UCLA Society of Women Engineers
- Cultivated valuable professional relationships with fellow clubs members, faculty, and industry professionals, fostering a collaborative environment for knowledge exchange and career development.
- Attend key industry events, networking nights, and advocacy conferences, collaborating with members from various engineering disciplines to enhance problem-solving and communication skills while applying engineering principles to real-world challenges.

Computational Linguistics Program Project Lead   *Jun. 2022 – Jun. 2022*
Stony Brook University
- Demonstrated language versatility, creating a Python program to translate English loanwords into Japanese. Leveraged advanced phonological concepts to translate from IPA to Katakana, enhancing translation efficiency and reducing processing time by 15%.
- Worked collaboratively with linguistics faculty, developing a sophisticated syntax tree algorithm to represent sample phrases.
- Trained program with 3000+ words/phrases, finding 25% increase in accuracy compared to similar translation software online.

Summer Scholars Program Student   *Jun. 2022 – Jul. 2022*
UC Berkeley
- Ideated, created, and presented data analysis projects alongside undergraduate students in 2 upper division data science classes as the only high school student. Developed computational models in courses detailing linguistic data research and literary analysis.
- Explored usages of Python in literary text analysis, leveraging NumPy and pandas for efficient data manipulation, creating an algorithm to analyze the phonetic inventories of 1,200+ languages and map them into language families via syllabic similarities.

Summer Researcher   *May 2021 – Jul. 2021*
Summer STEM Institute
- Developed data-driven models to analyze patterns in multiple datasets, primarily working with open source csv files and focusing on relationships between various socioeconomic status indicators and happiness in 175+ countries.
- Advanced skills in Python, data science, and research, coding and writing a related paper in LaTeX. Collaborated and worked closely alongside other students and mentors, presenting my findings to a panel at the end of the 10 weeks.

AI Scholar & Program Ambassador   *Dec. 2019 – Jun. 2023*
Inspirit AI
- Applied advanced neural networks in Python, leveraging TensorFlow and scikit-learn for advanced ML model implementation.
- Engineered real-time disaster relief tweet categorization with asynchronous programming, ensuring rapid and efficient data handling. Employed preprocessing techniques such as tokenization and word embeddings to enhance data understanding.
- Stayed on the forefront of AI innovations for the past three years, working as a program ambassador to recruit across the Bay Area via engagement initiatives and seminars. Led workshops on topics such as NLP and cloud computing.

Leadership and Professional Development

UCLA Alumni Mentor Program Participant   *Sep. 2023 – Present*
UCLA One
- Receive targeted coaching for interview, technical, and professional development goals. Acquire career fundamentals and received industry training, emphasizing technical skills, institutional knowledge, and attention to detail for internship readiness.

Founder & Outreach/Marketing Officer & Events Coordinator   *Mar. 2021 – Jun. 2023*
MSJ BAStA (Bay Area Student Activists)
- Ideated and pitched organization to a council of 300+ officers, successfully becoming the first and only activism club on campus.
- Implemented initial social marketing and outreach campaigns, leading to an increase of 150+ Instagram supporters and 50% increase in membership and campus community involvement within the first three months.
- Independently planned, pitched, and organized all 5 fundraising events, maining professional and timely communication with internal and external collaborators, raising revenue to support local businesses and student-led grassroot organizations.

Bay Area Chapter Ambassador   *Oct. 2020 – Jun. 2023*
Technovation Girls International Nonprofit
- Led recruitment of 75+ high school students, founding the first club on campus (MSJ Technovation) to empower all female-identifying students interested in tech by and fostering a supportive and collaborative environment to participate in a prestigious STEM competition. Showcased accomplishment with 9 teams qualifying as international quarterfinalists, my team included.
- Collaborated alongside other local ambassadors to resolve competition concerns via forums, seminars, and workshops, hosting events throughout the academic year for members to develop their business plans and receive guidance for their app prototypes.

Affiliation & Skills

Software: Proficient in C++, Java, Python, HTML, CSS, JavaScript, LaTeX, Figma, Canva, Excel, Google Suite, Adobe Photoshop
Skills: Data and Analytics, Web Development, Algorithm Design, Natural Language Processing, Verbal and Written Communication
Language: Marathi (Native), English (Native), Spanish (Proficient), Korean (Intermediate), Konkani (Intermediate)