

SANAYA VAKHARIA

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I am passionate about harnessing the transformative power of machine learning and crafting intuitive user experiences through innovative UI/UX design. My experience spans technology, entrepreneurship, and business, allowing me to blend technical acumen with strategic insights. I am driven to create impactful solutions that drive positive change and contribute to a brighter, more innovative future

EDUCATION

University of California, San Diego

B.S, Mathematics & Computer Science w/ Business Economics

June 2025 [Expected]

Courses: Systems Programming, Data Structures and Algorithms, Computability theory, Statistics & Probability, Graph Theory, Linear Algebra

Honors: Provost Honors

EXPERIENCE & ACTIVITIES

SEAGATE TECHNOLOGY, Fremont, CA

May 2024 – Present

Data Analysis & ML Intern

- Collaborated with the Big Data & AI Team to pioneer Seagate's inaugural AI generative chatbot
- Enhanced data migration frameworks by integrating Apache Spark, Airflow, and Kafka for robust data transfer from Oracle to AWS.

CoCreate x SPYKAR, Mumbai, India

July 2024 - Present

Machine Learning Engineer

- Engineered an LLM-based multimodal kiosk to elevate customer engagement through dynamic voice and visual interactions.
- Spearheaded the design and implementation of a personalized user experience system, displaying tailored product information and recommendations by leveraging user data and CRM insights.

WE APPLICATION LLP, Pune, India

May 2019 - May 2022

Software Engineer II

- Led the design and execution of user interface (UI) and user experience (UX) enhancements, significantly boosting app accessibility and user engagement.
- Initiated and integrated two pivotal features that markedly enhanced the application's functionality and user satisfaction.

Computer Science & Engineering @ UCSD, La Jolla, CA

Oct 2023 - Apr 2024

Pro-Dev Events Chair

- Fostered connections with industry leaders, academic professionals, and students to enrich professional development opportunities.
- Orchestrated a series of successful events, workshops, and seminars aimed at advancing career readiness and professional growth among students.

The UCSD Guardian Newspaper, La Jolla, CA

Feb 2023 - June 2024

Associate Editor [Sports Section]

- Directed post-game interviews with athletes and coaches in collaboration with the ESPN team, enriching sports journalism content.
 - Managed the sports section's editorial calendar and delegated assignments, significantly enhancing journalistic output and team performance.
 - Championed professional development initiatives, significantly contributing to the career advancement of junior sports journalists.
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TECHNICAL SKILLS

- Languages: Python, Java, JavaScript, HTML, CSS, C, C++, R, MATLAB, ARM
- Frameworks & Libraries: React.js, Node.js, Numpy, Pandas, PyTorch, Apache Spark, Apache Airflow, .NET
- Tools: Git/GitHub, VS Code, Jupyter Lab, MySQL, PostgreSQL, Jenkins, Postman