Anjali Singh

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EDUCATION

University of Southern California, Los Angeles, CA   Aug 2020 - May 2024
    Viterbi School of Engineering   *Cumulative GPA:* 3.82
    Bachelor of Arts, Data Science
    Dornsife College of Letters, Arts, and Sciences
    Bachelor of Arts, Cognitive Science
    Honors: Magna Cum Laude**,** Dean's List (7X)

Relevant Skills: Python, Pandas, SQL, Amazon Web Services (AWS), SAP BW/4HANA, Machine Learning, HTML, CSS, UI Design, UX Design, Advanced Excel, Power BI

RELEVANT EXPERIENCE

Learning and Forgetting in Neural Networks USC Lab, Los Angeles, CA
Research assistant   Sep 2023 - Dec 2023
- Researched neural network behavior on heterogeneous data distributions to clarify learning patterns
- Developed Python-based visualizations to track neuron activation and detect patterns
- Analyzed learning schemas in Federated Learning environments

Millennium Management, Manhattan, NY
Data Science Intern   Jun 2023 - Aug 2023
- Conducted data analysis using Python and Pandas to identify market volatility caused by economic indicators
- Built predictive statistical models to assess impact of external factors, improving algorithm accuracy
- Provided actionable insights from data to optimize algorithmic trading strategies

TeraThought, Los Angeles, CA
User Experience Researcher, User Interface Designer   Jan 2022 - May 2023
- Evaluated user interaction data to identify trends and inform data-driven design enhancements
- Enhanced prototypes and user flows based on behavioral analytics and testing insights
- Collaborated with UI designers to refine prototypes for product launches

Code Ninja, Cleveland, OH
Senior Coding Instructor   May 2020 - Aug 2020
- Mentored high school students in Python programming, emphasizing problem-solving and algorithm efficiency
- Supervised code reviews and debugging sessions, improving students' coding performance
- Led data-driven curriculum updates based on student progress analysis

American Greetings, Westlake, OH
Web Design Intern   Jul 2019 - Aug 2019
- Developed website templates in line with brand guidelines to enhance user engagement
- Integrated feedback and collaborated with senior designers to improve design effectiveness
- Reviewed and tested templates pre-launch to ensure optimal performance

LEADERSHIP AND INVOLVEMENT

GRIDS, *Web Development Leader*   Aug 2023 - Jan 2024
- Spearheaded design, coding, and implementation of the organization's cutting-edge website

Troy Camp, *Mentor*   Jan 2022 - May 2024
- Student-run philanthropy providing long-term mentorship for kids throughout South Los Angeles