Anish Jayant

jayant@usc.edu

ABOUT

I am a first-year undergraduate student at USC studying Computer Science and Applied Mathematics as a Trustee Scholar and Viterbi Fellow. My current research interests lie in machine learning and theoretical computer science, especially algorithmic fairness.

EDUCATION

University of Southern California, Los Angeles, CA
BS Computer Science, BS Applied Mathematics   2022-2026
GPA: 4.0/4
Relevant Coursework:
- CSCI 103: Intro to C++ Programming   - CSCI 104: Data Structures & OOD
- CSCI 170: Discrete Methods in CS   - MATH 225: Linear Algebra & Diff. Eq.
- MATH 226: Calculus III   - MATH 407: Probability Theory

Canyon Crest Academy, San Diego, CA
High School Diploma   2018-2022
Unweighted GPA: 4.0/4, Weighted GPA: 4.64, ACT Score: 36/36

PROJECT & RESEARCH EXPERIENCE

CS Theory Group, USC
Undergraduate Researcher   2023-
Researching algorithmic fairness in machine learning under PhD student Siddartha Devic & Prof. Vatsal Sharan. Current projects involve multicalibration for neural networks.
Quant SC, USC
Project Member   2022-
Completed a semester-long project on MACD (Moving Average Convergence-Divergence) model for quantitative trading, examining performance in various markets.
Boolean Lab, UCSD
Research Intern   2021-2022
Contributed to the Deep Flow Cytometry project, which aimed to use deep learning & computer vision in rapid cell classification.

SKILLS

Programming: Proficient in C/C++ and Python, mainly with experience in PyTorch Machine Learning library.
Math: Strong foundation in statistics, probability theory, and linear algebra, and applications to learning theory.

AWARDS

Viterbi Fellow, awarded by the Viterbi School of Engineering.   2022-
Trustee Scholarship, full-tuition scholarship awarded by USC.   2022-
Dean's List, placed on Dean's list for Viterbi School of Engineering & Dornsife LAS   2022-

GROUPS & CLUBS

Member, Quant SC, participates in projects and meetings about algorithmic trading.   2022-
Member, USC CS Theory Group,   2023-
Director, CCA Prep for Peers, tutored classmates in physics & math.   2021-2022
Varsity Athlete, CCA Swim Team, part of school-record setting relay ('21, '22). 2018-2022