

Deven Shah

devens@stanford.edu – (650) 946-8069

Education	Stanford University <ul style="list-style-type: none">• Expected Graduation: June 2026• GPA: 3.97• Majors: Chemistry, Biology, Computer Science; Minors: Math, Physics• Relevant Coursework: Advanced Organic Chemistry (CHEM 33, 121, 123, 124, 126, 223), Advanced Biochemistry (CHEM 253)• Clubs and Activities: Stanford Chemistry Society (Co-Chair), Forum for Undergraduate Environmental Leadership (Fellow)
Research Experience	Undergraduate Researcher @Kool Lab Stanford Chemistry <ul style="list-style-type: none">• Photocaging Nucleic Acids.• Mentor: Dr. Weifeng Lin. Undergraduate Researcher @Tan Lab Stanford Neurobiology <ul style="list-style-type: none">• Created and Analyzed Perturbations of the 3D Genome.• Developed Single Cell Chromatin Conformation Capture Techniques for FFPE Neural Tissue.• Mentor: Dr. Bibudha Parasar. Undergraduate Researcher @Shinozaki Lab Stanford Psychiatry <ul style="list-style-type: none">• Analyzed Post-Operative Delirium Multiomics (RNA-seq, methyl-seq).• Mentor: Dr. Kazuki Shibata. High School Researcher @Stanford Medicine <ul style="list-style-type: none">• Studied Motor Cortical and Striatal Plasticity in Neurodevelopmentally Impacted Mouse Models.• Mentor: Dr. Eddy Albarran.
Achievements	Research <ul style="list-style-type: none">• Alternate Finalist, International Science and Engineering Fair.• Honorable Mention, Exploravision National Writing Competition, for “A Systematic Review of CRISPR: Applications in Neuroscience”• Finalist, National Brain Bee. Debate <ul style="list-style-type: none">• National Champion, NDCA National Finals. Topic: States ought to ban lethal autonomous weapons systems.
Community Service	Jeena <ul style="list-style-type: none">• Taught students with neurodevelopmental disabilities.• Designed curricula to accommodate specific needs. South Asian Heart Center <ul style="list-style-type: none">• Assisted cardiologists with consultations in an outpatient clinic.• Worked in office to document patient visits and coordinate fundraising.
Additional Information	<ul style="list-style-type: none">• Familiar with Java, C++, and Python. Experience with many techniques in data science and ML, including use of R, TensorFlow, and PyTorch.• Teach Kandel’s <i>Principles of Neural Science</i> to an audience on Youtube.• Avid cyclist.