

EDUCATION

University of California, Berkeley — Bachelor of Arts in Computer Science

Sophomore Standing GPA: 3.6

Coursework: Data Structures, Linear Algebra and Differential Equations, Principles of Economics, Structure and Interpretation of Computer Programs, Web Design, Foundations of Data Science

Ohlone Community College — Dual Enrollment

Coursework: Elements of Probability and Statistics,

Washington High School — (2015-2019) Weighted GPA: 4.60/4

EXPERIENCE

Research Internship in Computational Biochemistry — 2018 Summer

Lustig Lab, San Jose State University; San Jose, CA

Analyzed changes in flexibility and binding behavior between BIV TAT- Tar Complex through computational molecular dynamic simulation software

Codeology: Berkeley Computer Science Club — 2019- Present

Focus on developing professional skills through technical interview workshops, as well as collaborative projects

Current project: created web app that creates customized itinerary of events via the Ticketmaster API

Volunteer at Code for Fun — 2017, 2018, Summer

Taught basics of computer science and coding to kids through summer workshops, helped design workshop syllabus for Cybersecurity camp

CS61A Academic Intern — 2020- Present

Help students in CS61A during lab and office hours under class TAs

California School of Mathematics and Science (COSMOS) — 2017 Summer

Tissue and Tumor Biology and Mathematical and Computational Modeling

Observed effects of resveratrol on chick embryos and creating computational models of resulting angiogenic inhibitor on blood vessel tissues

SKILLS AND AWARDS

Skills: Java, Python, Scheme, SQL R Studio, MatLab, GROMACS, VMD, Adobe Suite

Awards: Johns Hopkins Center for Talent Youth: High Honor for Mathematics,

National AP Scholar, High School Top 11, Valedictorian

Languages: English, Telugu, Sanskrit, Spanish

ACTIVITIES

Marching Band/ Symphonic Wind Ensemble — 2015-2019

Participated in high school marching band and symphonic wind ensemble for four years playing flute and flute first chair (2017-2019), flute section leader (2018-2019), marching band council treasurer (2017-2019)

Indian Classical Singing — 2008- Present

Learned Indian Carnatic Vocal Training for 10+ years, teach classes (2016- 2019)