Rishi Yang

University of California-Berkeley
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Education

- Enrolled at UC Berkeley, Class of 2024 — GPA: 3.82
- Albuquerque High 2020 graduate — GPA: 4.7, ranked 5th in class of 347
- Notable courses — CS 61A: Structure and Interpretations of Computer Science, EECS 16A: Designing Information Devices and Systems, Calculus III, Modern Philosophy, AP Physics

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Work Experience

University of New Mexico Immunology Lab Paid Internship - (2019 Summer)

- Worked in Professor Judy Cannon's Immunology Lab and UNM doing both lab work (T cell isolation, culture and preparation) and computational work developing software to study T cell motility. (Matlab)

Albuquerque Academy Summer Day Camp Counselor - (2018 Summer)

- Along with 2 other counselors, we were responsible for 15 six to seven-year old children doing activities like arts and crafts, athletics, and games.

Explora Apprenticeship - (2017 Summer)

- As an apprentice in a childrens' science museum, I worked as a teaching assistant in summer camp classrooms with children 5-7 years old and designed and built a science exhibit as part of a team.

Other Experience

Berkeley Engineers and Mentors Staff Member - (Mentorship and Tutoring)

- BEAM is a student run organization that strives to foster interest for STEM in the face of socioeconomic barriers through mentorship. Our main function is to create and teach weekly science lessons for local elementary and middle schools. I am currently a staff member and help run the 100+ person club as a part of Outreach and External Affairs.

Godot Game - (Python) (https://github.com/rishikiram/Easternly-Apps)

- Created an original videogame using the Godot game engine, including most of the art. See https://github.com/rishikiram/Easternly-Apps for the current playable applications and https://github.com/rishikiram/Easternly for scripts and project files.

2019 Supercomputing Challenge - (NetLogo) (https://github.com/rishikiram/Traffic-Model)

- For this science-fair-like competition, I created an agent-based Traffic Model to study efficiency, and presented it to a panel of judges. Won 3rd place and a cash prize of $500.

Skills

- Electronics Skills - built small robots, circuits, and .
- Coding Languages - Java, Python, Matlab, Scheme and NetLogo.
- Laboratory skills - Cell cultures, live mice models, fume hoods, pipettes, etc.

Interests and Activities

- Choral Singer, school choir member
- Athlete - Varsity Cross Country, Track and Swim, JV Soccer
- Working towards becoming bilingual in Spanish

Honors and Accolades

- National Merit Scholar
- 2020 New Mexico American Vacuum Society Scholarship Winner -$3000