

# Dhruv Kanumury

## Undergraduate Student

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### Dhruv Kanumury

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### About Me

I am a very well rounded individual who seeks to hone in skills in a variety of activities. I am a naturally born leader, respectful, caring, passionate, hard working and selfless individual always looking for his next adventure. I have a huge interest in the field of medicine and love to partake in research be it handson or literary work. I also understand and speak English, Spanish, Hindi and Telugu.

- ❖ Outstanding Oral And Written communication skills.
- ❖ Familiarity And Strong Interest in meta-analysis research, modern medical and surgical techniques.
- ❖ Ability To Troubleshoot And use academic curiosity to develop original research.
- ❖ Demonstrated Ability To work under pressure and take initiative with limited direction.
- ❖ Proven Ability To Quickly grasp complex technical and scientific jargon.
- ❖ Unwavering Integrity And excellent judgment.

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### Experience

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#### Silicon Valley Dental Excellence/ Student Intern

February 2020 - January 2023, Sunnyvale, CA

Tasked with helping patients at the front desk, filing patient' information, making calls and attending to incoming visitors by taking vitals, and sterilization. Main duty consists of shadowing dentists during teeth cleaning and surgeries.

#### MuReva Phototherapy Inc./ Research Intern

June 2020- May 2021

Tasked with helping the company by researching phototherapy and its effects on cancers other than Head and Neck Cancer. Then write a presentation that details the findings of the research and present it to the company, to aid in important business decisions of medical doctors when they prescribe the device. Given the opportunity to get an early introduction to applied science and writing in a technical language and how to apply the field of science in the business world.

### **BioCurious/ Researcher**

September 2019 - October 2020, San Jose, CA

Actively participated in complex cell research works; developed original independent research on the theory of cancer cells, and the new/old technological advances to treat cancer cells or their specific genes. Learned how to confidently culture cancer cells and mastered skills under the hood by practicing with two blood cell lines:

- ❖ A549
- ❖ K562

Conducting ongoing CRISPR research on how to adapt human cells to defeat diseases like rabies and cancer and performing research on shattering cancer cells with resonance sound frequency.

### **Science Gurus, Nonprofit Educational Institution/ Teacher Intern**

August, 2018- April 2019, CA

Teaching middle school students science and research with an objective to prepare them for STEM programs. Developed science curriculum to fit the needs of different grades and levels.

Single-handedly promoted the program by using social media and email marketing.

### **Cell Science Internship/ Student Intern**

June 2019 - August 2019,

Educated on the history of cancer cells, and the new/old technological advances to treat cancer cells or their specific genes—interacted with various professionals from all over the cancer research field sharing their research and explaining the science behind the drugs they are creating. Worked directly under the guidance and supervision of the founder of Science Gurus Chair, Jagath Reddy Junutula. Performed a literary report on EGFR and Anti EGFR along with a detailed report on technological remedies towards Colon Cancer.

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## **Education**

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### **Archbishop Mitty High School/ High School Diploma**

August 2017 - May 2021, San Jose, CA

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### **University of California at Riverside / Bioengineering B.S.**

September 2021 - Present, Riverside CA

Currently majoring in the field of Bioengineering while on the PreMed track. Research enthusiast and love to do lab work either under the hood or literary research.

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## Awards and Accomplishments

- ❖ HonorRoll–freshman, sophomore, junior and senior year.
- ❖ Undergraduate Award in the study of Religion–freshman year.
- ❖ Quarterfinalist in Duo Interp at Berkeley
- ❖ National Invitational for Speech
- ❖ National Junior Honor Society award.
- ❖ Varsity Men's Water Polo CCS Div2 Champion 2018
- ❖ Top 16 in WCAL for men's 100M breaststroke 2019
- ❖ Varsity Men Water Polo CCS Div2 runner up in 2019,
- ❖ Double qualified to State Speech Competition 2021
- ❖ Ranked OPP interpret in 2021
- ❖ Undergraduate Award in the Music and Arts (jazz band) - senior year
- ❖ Principal's List - Junior and Senior Year
- ❖ Vice-Chair role with the Campbell Youth Commission–met with mayors, city commission groups, and led activities for the community ranging from seasonal events for families with young children, park cleanups, and ap test prep classes for teenagers.
- ❖ Member of the Speech and Debate team–competitive event sophomore year– wildcard Humorous Interpretation event.
- ❖ Double-qualify for the state qualifications tournament in both: Duo Interpretation and Humorous Interpretation.
- ❖ Duo Captain–during the second term–created the biggest Duo team in school's history and as a result, qualified as the largest group of Duos to the State Qualifying tournament in the history of Archbishop Mitty Speech and Debate.
- ❖ Placed 18th in Duo at the Berkeley National Invitational.
- ❖ Water Polo and Swim–JV Captain sophomore year finished 3rd overall in the JV WCAL rankings; promoted to the Varsity Team the same term
- ❖ Won the CCS D2 Championship game and made history for Archbishop Mitty High School marking 20 years since the school was able to qualify for the CCS and first CCS men's water polo win in the history of Archbishop Mitty Athletics.
- ❖ Achieved mastery in only one season in 100m breaststroke and finished 16th in the WCAL 100m breaststroke finals during sophomore year, competing against some of the best swimmers in WCAL.
- ❖ Production Captain of UCR Afsana, a Hindi film dance team at UC Riverside for the 2022-2023 season. Won best set at a comp and helped make team history by getting 1st in Virginia and 3rd in Ohio