

Dear Selection Committee,

As a junior in high school, I wish to broaden my knowledge and enhance my skills in the growing fields of bioscience. I believe that I can achieve this goal through the University of Arizona KEYS program. My interest in bioscience research stems from my constant enjoyment in molecular biology and my enthusiasm to learn more about the bioscience field. One of my key strengths that will aid me in exploring my passions in biotechnology and bioscience research is my determination.

My academic goals are defined by my strong interests in molecular biology and biotechnology, while my life goals revolve around exploring my passions. I am very fervent about being able to use what I learn in bioscience research to help me succeed in making better the health of many others. KEYS can help me accomplish my goals by allowing me an opportunity to heighten my expertise in biotechnology. KEYS will provide me the opportunity to delve into my academic passions, by providing me with hands-on lab research. I will be able to apply the skills I develop from participating in the KEYS program in achieving my academic goals, as well as furthering my life ambitions.

My specific interest in bioscience research is my captivation in the field of bioinformatics. My liking to bioinformatics and, more specifically, genomics emanates from my desire to incorporate my other interest in data science with my interest in molecular biology. The various biology-related courses I have taken in middle and high school have sparked my enthusiasm for investigating molecular biology and the genetic blueprint of life. My fascination for data science stems from my curiosity in knowledge and data that allows for the discovery and innovation. My passion for data science and technology allows me to be at the forefront of technology that can further research in bioinformatics and provide innovative solutions for more challenging problems in biotechnology. The KEYS internship can help me identify how I can utilize my interests to continue researching and developing throughout my life.

The determination I have in learning and adapting to pursue my passions makes me a strong candidate for the KEYS research internship. My determination has always pushed me to seize the opportunities that facilitate the heightening of my proficiency in all my interests and goals. My determination allowed me to complete an online course on data science and genomics and take an organic chemistry course and a data structures and algorithms course, in order to further my interests in bioinformatics. In the research-intensive KEYS program, my potent determination will assist my ability to execute challenging operations and solve difficult problems.

My potent determination can bolster my ability to overcome challenges in the KEYS research internship, where I can learn new research and lab skills that I can utilize in exploring my specific interests in bioinformatics and genomics. My goal is to employ my abilities in producing a work of my own that I can use for the betterment of many individuals. The KEYS program is the perfect situation, in which I can enhance my abilities, in order to cultivate my academic and life goals.

Thank you for your precious time and consideration. I am very interested in participating in the KEYS research internship and am looking forward to hearing back.

Sincerely,

A handwritten signature in black ink, appearing to read 'N. Sreevatsa', with a stylized flourish at the end.

Sreevatsa Nukala