Personal Statement

I have two pursuits in career: to become a distinguished technologist, and apply the technology to promote the societal development as well as help those in need. To accomplish these goals, I strive hard to expand my knowledge, cultivate my leadership and enhance the sense of social responsibility.

My passion towards the intersection of technology and societal impact was ignited during the first year's summer camp. I joined a social practice group to investigate the development of Smart Cities nationwide and witnessed a stark disparity between developed technologies and deficient applications, particularly in remote areas like Qinghai, where Internet access was a luxury. I had previously focused on technology improvement, but the investigation inspired me that without applications, technologies can only remain on papers. Therefore, I determined to advance my studies and collaborate with like-minded people to explore diverse applications for societal development.

Throughout the journey in SJTU, I joined various academic groups, collaborating with diverse teams to hone my leadership skills and create inclusive environments. In the second year's summer camp, I led a social practice group, with over 100 members, to investigate tourist cities and identified opportunities for technological applications to enhance tourism. We visited local governments to learn the situation, built an online cloud platform to aggregate the information and encouraged team members to brainstorm. We found the deficits lay in the booking system as most tourists can only learn the scenic spots via limited photos. Therefore, we built an AI recommendation system and included videos, VR and tourists' comments to help tourists determine their preference. Our platform was swiftly adopted by local tourism enterprises and received a satisfying feedback. As a result of our hard work and achievement, our team was awarded Third Prize of "Knowledge and Practice Cup" in Shanghai College Students' Social Practice Competition (Top 0.1% in Shanghai) and I was awarded Advanced Individual in the Social Practice Group.

Beyond social practice, I have also been committed to help people in need with technology. As a member of Education Assistance Program, I spent three winters to teach and accompany children in underdeveloped areas. Recognizing their lack of convenient transportation, education software, and hardware, we collectively built an online system to raise donations for the poor children. The system showcased the living and education situations of local children, reported the financial deficit, and incorporated an AI agent to help children revise their mathematical exercises and English writing. The impactful outcomes of our efforts were recognized by the local government, and the system significantly improved the educational opportunities for the children. Witnessing the successful application of my knowledge was truly satisfying, fueling my aspiration to continue leveraging technology to aid others.

UCLA, renowned not only for cultivating prominent scientists and engineers, but also for emphasizing teamwork and social responsibility, is my ideal environment. I hope to learn advanced technologies and join the related organizations in UCLA to combine my passion for technology with commitment to practical application, volunteer work and societal development.