**Personal** **History** **Statement**

I have two goals in life: to excel as a woman developer and combat gender inequality , as well as utilize technology to assist those in need. To accomplish these goals, I strive to cultivate my sense of social responsibility and leadership, further my studies and enhance my research capabilities.

Throughout my journey in computer science, I have witnessed firsthand the gender bias that persists in the field, with men often being given more leadership opportunities and career-boosting assignments while women are left behind. Despite facing these challenges, I have remained determined to succeed and have worked hard to develop my skills and knowledge in the field. I believe that women have the same leadership capabilities as men and that our unique perspectives and experiences can bring valuable insights and contribute to more diverse and innovative solutions. In particular, skills like emotional intelligence, crucial for leadership roles and high- stress environments, are strengths many women possess.

Throughout my studies and internships, I have had the opportunity to lead numerous teams and have worked to create a more cooperative and inclusive team environment rather than an authoritarian one. I believe collaboration and teamwork are essential for success, and I have strived to foster a positive and supportive atmosphere for my team members. As a result of my hard work and exceptional achievement, I was awarded the highest (top 0. 1%) research scholarship for undergraduates at Shanghai Jiao Tong University, the Rongchang Science and Technology Innovation Scholarship. This recognition has further motivated me to continue striving for excellence and to make a positive impact in the field. As a member of the **Society** **of** **Women** **Engineers** **(SWE)**, I am also committed to being a role model and advocate for other women in the field. I believe it is important for more women to be represented and recognized in leadership roles in the tech industry. I aspire to be a living embodiment of a successful woman engineer to encourage more women engineers to thrive personally and professionally. I hope to use my skills and experiences to inspire others and promote greater diversity in the field of computer science.

I have been committed to using my research to serve underrepresented communities. As a leader of a group of undergraduate students, I have organized and facilitated annual one-month trips to teach and accompany children in underdeveloped areas. While working with these students, I noticed that a lack of laboratory equipment hindered their understanding of basic principles. In response, I developed an AR mobile app that allowed students to conduct interactive experiments in physics and chemistry. This project was so successful that it became part of China's National Key Research and Development Program and was implemented in underfunded areas, resulting in significant improvements in comprehension and academic performance. In addition to this project, I also developed an Autism Spectrum Disorder Healing Robot to assist children with mental illnesses. Through my research, I explored various interaction techniques that could improve children's language skills and competence. The robot offers a consistent and predictable source of interaction, which can be comforting for children with autism who may struggle with change and uncertainty. Its non-human nature also makes it less intimidating and easier for children with autism to engage in therapy. I have had the opportunity to collaborate with hospitals in Henan province, China, to apply the robot in real therapy sessions and have received positive feedback from doctors about its effectiveness.

Since then, I have continued to engage in volunteer work. I became the leader of the Chinese volunteer group at EXIT, the largest European music festival. As the chair of the group which hosts the Master Distinguished Lecture, the most important academic forum at Shanghai Jiao Tong University, I've hosted many significant events, such as Nobel Laureate Adam Riess's seminar, the 125th-anniversary of Shanghai Jiao Tong University and several TED talks.

UC Berkeley has always been my dream school. Not only does it cultivate generations of outstanding scientists and engineers, but it also emphasizes sharpening its students' leadership skills and sense of social responsibility. I hope to master the latest technologies and join Berkeley's community service student clubs to combine my passion for science with my commitment to volunteer work, gender equality, and social justice.