Houming Ge

I want to apply for the Computer Science and Software Engineering major at the University of Washington Bothell. I want to learn more about technology and computer science in society. My skill of problem solving and interest in computer science began in high school. I want to delve deeper into this field to understand its potential. Because I never thought I would associate writing a few lines of code with the applications I was using to play games. I want to use the skill I own to do better in education.

I believe that diversity is crucial for creating better solutions in computer science. During high school, I was a member of the FIRST Robotics Competition Team 2928. I work with teammates from diverse backgrounds and cultures. My focus on the task and effectively communicating helped our team scores improve in world competitions. During the world competition, I used my Chinese language skills to help my teammates communicate with teams from China. From that, I will bring unique perspectives work with diverse groups in the future. Different perspectives and experiences can lead to new ideas and ways of thinking that can take a project or a problem in a new direction. I plan to work with a diverse group of students by being open to new ideas and perspectives, and by actively seeking out and valuing the contributions of all members of the group.

I took the K-12 education course in the last quarter. During this course, I found that children use the computer as a study tool. However, they were not well use users. I want to use what I will learn in the CSSE to make it more convenient. I am thrilled by computer science’s transformative potential in our education system and industry, especially in AI technology. The course on Introduction to Artificial Intelligence would allow me to gain a better understanding of AI and apply those knowledge to the development of AI educational software in the future.

I have always been interested in how technology can be used to solve real-world problems. During the last winter break, I successfully deployed my personal website from scratch. When I do this project, I learn a lot from the project. I understand how the industry set up its website. I start to switch my mind to thinking about how and what questions my website will remain that I need to be fixed in the future.

The introduction to Artificial Intelligence course would allow me to gain a better understanding of AI and apply this knowledge to education and website in the future. Even I have applied before. But I hope to leverage CSS Program's renowned facility and resources to gain solid theoretical knowledge and invaluable practical experiences in various development projects. I believe UW Bothell's CSS program is the best place to home my skill and turn my passion into practice. I am well prepared to embrace all the challenges and opportunities at UW Bothell.