Worcester Polytechnic Institute seeks students who are the right fit for its academic and campus community. In what ways are you the right fit for the distinctive educational and campus experience that Worcester Polytechnic Institute offers?

Inspired by my childhood experience playing Pokémon, I’ve always been attracted to computer science. Growing up, I concern more about the problems around the society I reside in and feel excited to use computer science to solve real-life problems.

From developing a cafeteria delivery app to save students’ time, to creating a notification app to remind students about college info sessions, I enjoy both the process of learning CS and applying it to bring convenience to others. Furthermore, I see CS as a tool for expressing ideas. Shocked by China’s lack of sex-education, I once made a sex-education game with friends, attempting to use CS to invoke social changes.

Although this game has sparked wide social discussion, its development was still limited by my technical gaps. WPI provides courses like “Technical Game Development” that will enable me to use AI, Graphics, and Physics techniques to break such limits. What excites me the most is that WPI’s Major Qualifying Project (MQP) will grant me to put the theory of what I have learned into practice to real-world issues that will soon characterize my professional career.

At WPI, I also hope to explore courses that combine humanity and computer science. The course “Social Implications of Information Procession” discusses how computer science interact with people in the societal context, which enables me to explore how computer science could be expressed in a more intimate matter. Taking the course “Data Visualization” will allow me to discover how numerical data could be presented in a more friendly matter, to analyze the enormous and still increasing data of the world more efficiently. Also, I want to work on creative projects such as creating AI firefighting systems under the Center for First Responder Technology to reduce both economic and manpower costs on emergency services. Computer science is a powerful tool that can be used for good or bad. Studying CS at WPI will allow me to use it as a force for good to change the world.