Question：Describe how your work, research, educational or other life experiences have prepared you for graduate study in this program?

Substantial resources provided by Nanjing University facilitated me to learn a wide range of knowledge, including the application of various computer language for future programming, online course of Machine Learning, basic concepts of data structure, computer networks and algorithm for future scientific research, and the detailed software development process conducive for a deep understanding of software engineering.

I also enjoyed cooperating with peers from diverse backgrounds, either as a team player or a leader. For instance, I worked with two schoolmates to win the best creative award in the NAO robot marathon programming competition, and established a team with schoolmates from the business school to win the same award in the Citi Cup competition. Those experiences made me find myself adjust well to the high intensity of programming pressure and realized the important role as a team player.

Research tempered my problem-solving ability. I joined professor Feng Liu’s Reinforcement Learning group to study POMDP and proposed suggestions for algorithm development, where I found a rigorous analytical attitude and innovative thinking count a lot. We wrote a thesis paper based on this project and it had been published successfully. With this experience, I was much quicker at Professor Mingxue Pan’s group for software testing for a novel method for GUI testing. Currently I have written a thesis paper and submitted to a famous anonymous conference.

Step by step, I secured a job as a software engineer in SAP labs China. By quick learning, I managed to adjust myself to the agile schedule in the industrial production cycle, attending the daily Scrum meeting and sharing developing progress in Kanban style. I came to be aware of the possible questions in enterprise software development with shorter development cycles and various tasks.