I will be extremely thrilled and gratified to see someone else become more effective in his/her work by using my software or technology developed. It's my deep-rooted passion to learn the principles behind software. I will further my study in areas like software engineering, AI, and NLP to serve for my career goal. After postgraduate study, I will engage in software development, accumulate rich experience, and finally start my own business in the Internet industry. I have this plain but hard ideal to make people live better with software.

Premium resources provided by Nanjing University enabled me to learn extensively, including the application of various computer language for future programming, online course of Machine Learning, computer networks and algorithm for future research, and detailed software development process conducive for further study 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.

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. 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 wrote a thesis paper and submitted to a famous anonymous conference.

Rich project experience empowered me to do summer research in Professor Qiu's Syntax-Guided Synthesis project team in Purdue University. I participated in the improvement of the new method, using java language and Z3 SMT solver, which can check the satisfaction of logical expressions. I rewrote most of Z3's functions and core algorithms, proposed to add multithreading to the method, and optimized the algorithm included, which improved the method's accuracy by 20% and reduced the processing time by 70%.

Step by step, I secured as a software engineer in SAP labs China. By quick learning, I got to know how developers and testers together ensure the quality of a product and understand the actual process of software development. I came to realize the possible questions in enterprise software development with shorter development cycles and various tasks.

Experience accumulated enabled me to make rational analysis. I want to know how to deal with the complexity of large systems and the processes that produce them. I am also interested in other factors that count in developing large-scale software. After a detailed exploration of your MS in Electrical and Computer Engineering program, I am particularly attracted by the PurPL project group, which can facilitate me to apply what I have learned to real system development. Besides, the various interesting courses such as Artificial Intelligence focus on close contact with reality through its meaningful curriculum design, making me better prepared for the software industry. All these make this program a desirable one for me to come closer to my career goal.