

The most interest to me in a PhD program is to obtain more knowledge and capability in a certain field and became an expert in that field. I received my Master's degree in 2012. After a short break, I started my first job, a software engineer in power communication. At the beginning, I felt so excited every day. I tried my best to fulfill my daily work in the program and do something new to improve the performance. About one year later, I realized that I could not be satisfied in my job. The most significant thing in power industry is stability. People hate to change. However, I love new, change and challenge. I knew I need further education. And also I can learn knowledge systematically in school.

As for processes of doing research, there are three main processes. The first one is to know the background of a certain field and find a research direction. This step is to identify what your interest is and have a general understand of the research. The second one is to discovery problems. We need to know the trend of this field. There are lots of problems we could find. It should be determined that which sort of problems you would like to solve. The third one is to devise methods and evaluate the results whether it works. This process is most challenge. It is not easy to solve hard issues. When we find an approach, it may not work. Experiments need to be done again and again by several methods. To evaluate the results, state-of-art project's results could be used to compare with yours. The methods and results could be used and replayed by others.

Tongping Liu's researches are very interesting to me. Since applications don't care processing of OS and OS don't know application's demand, Tongping's research is a bridge between applications and OS. His researches can solve many challenge problems. I hope my research could be practical and the outcome would be widely used.