I’ve entered a research-oriented M.S. program as I was already engaged in research when I was an undergraduate student. I was doing research under the supervision of Professor Pershina Zhanna Sergeevna. I belong to the department of applied mathematics and computer science. The academic staff of our department are engaged in active research in almost all branches of mathematical statistics and computer science.

The title of my master’s thesis is “Predicting customer churn in the internet service provider industry”. I am doing research in AI. My aim is to develop a program that forecast which customers are likely to leave company service.

This branch of knowledge has been rapidly developing in the last two decades. I am particularly interested in machine learning which includes predictive analysis. I have been working at the problem for one year. I got interested in it when I was an undergraduate student. It is based on the theory of mathematical statistics developed by great mathematicians such as Karl Pearson.

I work in close cooperation with my colleagues. There are several research teams at our department. The team I work in is headed by Stasyshin Vladimir Mikhaylovich. He is my scientific adviser. I always consult him when I encounter difficulties in my research.

I have not yet completed the experimental part of my thesis, but I am through with theoretical part. So far I have written several scientific papers, some of which were published when I was a student.

At NSTU, MS programs are research-oriented. While studying in this program I’ve acquired research skills to analyse, collect, and process information, and generate new ideas and original methods. I am planning to finish writing the thesis by the end of next academic year. I hope to obtain Master’s degree in applied mathematics and computer science.