Hello!

I am from China and my major is Electronic Engineering. I am a graduate student with Master degree from Soongsil University (숭실대학교). Since I have a grasp of basic Korean for daily life from my Korean friends, I mostly do my work and study in English and Chinese. I am a quick learner and energetic to new knowledge and technology, especially machine learning. I am very keen on technical solutions which can improve the quality of life and have passion to develop the future career in global business. I was born Wuhan, where I had lived before I graduated from high school, benefiting from a warm and family with a sound education. During my graduate and undergraduate study, my major is electronic engineering and I gained essential knowledge such as circuit analysis, computer vision and so on. Secondly, as a graduate student at Shandong University of Science and Technology, I was accepted into a Dual Master Degree Program which cooperated with Soongsil University in 2015.

Since I came to Korea in September 2015, I have grasped professional programming, simulation skills, and solving problem ability. What's more, I realized the importance of a healthy group climate and how to be an effective group member. Aside from the research experience in Korea, the most achievement is that I improved my cross-cultural communication skills. Conversation and respect are the main factors for cultural adaptation.

In the lab, I have always enjoyed working on improving project performance by machine learning and neural network algorithms. Research Overview: Using machine learning and neural network algorithms for concealed electronic devices detection and classification. The main process includes features selection and preprocessing, supervising method and unsupervising methods analysis, performance assessment. Currently, I am simulating the noisy data issues (imbalance and borderline data) in order to improve the training data quality and employing collaborative filtering techniques for detective frequency selection.

Try to employ deep learning models for non-invasive estimation of Stroke Volume include raw signal preprocessing and estimated models building and fine-tuning. Framework and tools: Ubuntu, GPU Server, Tensorflow, Keras. Developed new estimators based on signal in python and deep learning algorithms. Now, I am work at Deepnoid company. I will always remember the experience during member of BAPOR lab at Asan Medical center.

Thank you for your kindness.

See you again!