Seonjoon Park

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EDUCATION

Mar. 2012 – Feb. 2019	**Seoul National University**, *Seoul, Korea* *Bachelor of Arts (Cum Laude),* Major in Agricultural and Resource Economics, Major in Electrical and Computer Engineering, Minor in Mathematical Sciences

EXPERIENCE

Jun. 2018 – Dec.2018	**Machine Intelligence Lab.**, *Seoul National University* - Undergraduate Research Opportunity Program - Implemented & developed Neural Machine Translation System
Jun. 2018 – Present	**Mathpresso**, *Seoul, Korea* - AI Engineer - Worked on optical character recognition system designed for mathematical expressions. - Worked on problem vectorization, finding best representation of problems consisting of image, text, graph.

PROJECT

Jun. 2018 – Dec.2018	**Zero-Shot Translation with Transformer** Implement Attention Is All You Need (A Vaswani et, al 2017) and apply zero-shot translation between many languages.
Jun. 2018 – Present	**Prob. Embedding with Siamese Network** Implement Learning Sentence Similarity with Siamese Recurrent Architectures (J Mueller et, al 2015) and apply it to problem vectorization domain to find best representation of problem.
Oct. 2018 – Present	**BBox Detecting System with F-RCNN** Develop OCR module detecting bounding box of characters in the picture user taken.
Feb. 2019 – Present	**Image Vectorization with Siamese Network** Implement Siamese Neural Networks for One-shot Image Recognition (G Koch et, al 2015) and apply it to image vectorization task to make image searching system and problem vectorization.

SKILLS

Programming Languages	**Python** Most Experienced with - Tensorflow, Scikit-learn, Opencv, Numpy Familiar with – Django, Flask