

WENBO ZHANG

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Education

Master of Science: Applied Statistics, Expected in 06/2023

University of Michigan - Ann Arbor - Ann Arbor, MI

Bachelor of Science: Statistics, 06/2021

Nankai University - Tianjin, China

Experience

Research Assistant, 03/2021 to 06/2021

Department Of Statistics, Nankai University – Tianjin, China

- Based on the deep network PanNet, achieved WorldView3 remote sensing satellite image fusion using TensorFlow framework.
- Implemented the state-of-the-art deep networks, such as Pan-GAN, FusionCNN, in the area of remote sensing image fusion and other computer vision problems.

Algorithm Engineer, 05/2020 to 07/2020

Alibaba – Hangzhou, China

- Developed fasttext, CNN, and LSTM algorithm models based on Pytorch and implemented the classification of texts provided by tutors.
- Used DeepWalk, Node2Vec, and GCN algorithm models to represent the features of nodes in the graph network.
- Read the algorithm's paper in advance, then used the Pytorch framework in Python to accomplish this task.

Research Member, 01/2020 to 02/2020

Chinese Academy Of Science – Beijing, China

- Worked with team members to carry out quantitative modeling and program design for some financial indexes of CSI 300 based on risk parity model, including risk-parity model, BL model, RP&BL model, and back-test analysis.
- Being responsible for the model establishment, algorithm design, and python language implementation, and completed the project report at the end of the scientific research.