Shangyu Chen
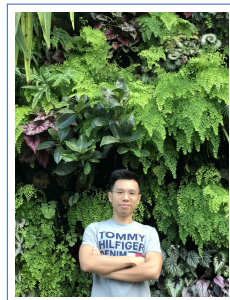
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4th-Year Ph.D Student

Education

2012–2016	**Sun Yat-Sen University**, *Guangzhou, China*. Bachelor of Science in Computer Science
2016–Now	**Nanyang Technological University**, *Singapore*. Ph.D Candidiate in Computer Science

Publication

NeurIPS-19   **Shangyu Chen**, Wenya Wang and Sinno Jialin Pan. "MetaQuant: Learning to Quantize by Learning to Penetrate Non-differentiable Quantization". *33rd Conference on Neural Information Processing Systems*

IJCAI-19   **Shangyu Chen**, Wenya Wang and Sinno Jialin Pan. "Cooperative Pruning in Cross-Domain Deep Neural Network Compression". *28th International Joint Conference on Artificial Intelligence*

AAAI-19   **Shangyu Chen**, Wenya Wang and Sinno Jialin Pan. "Deep Neural Network Quantization via Layer-Wise Optimization using Limited Training Data". *33rd AAAI Conference on Artificial Intelligence*

NIPS-17   Xin Dong, **Shangyu Chen**, Sinno Jialin Pan. "Learning to Prune Deep Neural Networks via Layer-wise Optimal Brain Surgeon". *31st Conference on Neural Information Processing Systems*

Project

Awesome Deep Neural Network Compression

`https://github.com/csyhhu/Awesome-Deep-Neural-Network-Compression`

Listing and summary the famous related papers.

Re-implemetion of state-of-the-art related methods.

Skill

PyTorch, TensorFlow, C++, Matlab, R