Project: Natural Language Generation with Deep Neural Networks
- Processed a large amount of noisy textual data collected from the Internet
- Constructed a sequence-to-sequence model using Recurrent Neural Network with Long Short-term Memory cells
- Designed an end-to-end training procedure to achieve data-driven language modeling for the generation of Chinese poems
- Conducted parameter tuning to obtain optimal speed as well as outcome
- Experimented with GPU acceleration for fast training of deep neural networks