2016 Annual Report

2017.01.03

ZHIYONG ZHANG

Outline

- Research
- Projects

Research

- Speech Recognition
  - ✓ Character & word lm
  - ✓ H-smooth for xEnt and smbr
  - ✓ Block Affine transform test
  - ✓ Py-server for ASR Demo
  - ✓ Nnet3 stream decoder

Projects

- Sinovoice(With Mengyuan)
  - ✓ 16k/8k LVCSR further improvement

- Sansun(With Mengyuan & Xuewei)
  - ✓ Sansun restaurant ordering Robot
    - Multi-Mic de-noising
    - Restaurant ordering key-word enhancement
    - Restaurant scenario adaptation

Projects

- Tongfang (With Mengyuan)
  - ✓ The primary Japanese ASR model based on CSJ corpus
  - ✓ The crossed lingual Japanese ASR model enhanced using Chinese LVCSR nnet model
  - ✓ Technology consulting

- Roobo
  - ✓ Early survey for embedded ASR decoder

Thanks