

A Chinese Writing Correction System for Learning Chinese as a Foreign Language

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Background

Translation approach to grammatical error correction

- Does not require exact recognition of error types
- Many-to-many mappings handled → deal with multiple errors of various types with a single translation model
- Neural machine translation (NMT)
 - Distributional word vectors

 generalize to unseen corrections

Existing studies on Chinese writing errors

- Detection only
 - Shared Task for Chinese Grammatical Error Diagnosis (CGED)
- Correction of specific error types
 - Word ordering
 - Preposition
- This work: a general model that handles all types of Chinese writing errors

System Architecture & User Interface



