

## **Editorial**

We present the third issue of the **International Journal of Computational Linguistics Research** with the below-described papers.

In the first paper on “**Reinforcement learning algorithms to model English pronunciation**”, the authors have used deep learning algorithms to model English pronunciation. They have adopted the Convolutional Neural Networks (CNN) and Long and Short-Term Memory Networks (LSTM) to extract and classify pronunciation features. The authors documented that this scheme based on deep learning and reinforcement learning can significantly improve the accuracy and real-time performance of the CAPT system in English pronunciation judgment.

In the following paper on “**Foreign language skills for professional improvement with learning trajectories**”, the authors propose a solution based on the Viterbi algorithm to cultivate applied talents with foreign language skills and professional knowledge required for the specific event. They combined the cultivation of professional knowledge and foreign language skills in ice and snow sports to enhance students’ practical abilities and comprehensive qualities. They have proved that the Viterbi algorithm-based solution can significantly improve students’ foreign language application ability and professional knowledge level.

In the last paper, “**Optimizing search algorithm models for upgrading the tourism industry**,” the authors used development strategies of the tourism economy under search algorithms and research on market resource integration. They provided a strategy for developing the tourism economy based on search algorithms, including optimizing search algorithms, strengthening supervision of the tourism market, promoting upgrading the tourism industry, and strengthening innovation of tourism products.

We hope that these papers are significant in computational linguistics research.

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