Zeyu Li

Communication University of China
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EDUCATION

Beijing University of Technology   – Beijing, China   Sep. 2016 – Jun. 2020
BS Major: Computer Science and Technology   Overall: 13/126
Communication University of China   – Beijing, China   Sep. 2020 – Jun. 2023
MS Major: Big Data Technology   Overall: 2/30
Relevant Research: Natural Language Processing; Recommended Algorithm; Knowledge Graph

PUBLICATIONS

VMKGAN: An Efficient Multimodal News Recommendation Model. IEEE ACCESS (Second round review)
   Zeyu Li; Hao Shen; Haoyang Ma; Tianhe Yu

Research on Opinion Targets Extraction of Travel Reviews Based on RoBERTa Embedded BILSTM-CRF Model. ICCST 2021(Online)
            Zeyu Li; Tianhe Yu; Hao Shen. (my paper)

OTE: An Optimized Chinese Short Text Matching Algorithm based on External Knowledge. KSEM2022 (my paper)
   Haoyang Ma; Zhaoyun Ding; Zeyu Li; Hongyu Guo

Joint extraction of entities and relations in the news domain. Applied scinece basel (Under review)
   Zeyu Li; Hao Shen; Haoyang Ma; Tianhe Yu

Contrastive Learning Model via Mutli-Stage Data Augmentation for Chinese Short Texts. Artificial Intelligence (Under review)
   Haoyang Ma；Zhaoyun Ding; Zeyu Li; Xiaodong Wang；Hongyu Guo

A Hybrid Model Based on Multi-Level External Knowledge for Chinese Short Text Matching. COLING (Under review)
   Haoyang Ma; Zhaoyun Ding; Zeyu Li; Hongyu Guo

RESEARCH EXPERIENCE

Research Assistant, HongKong, Macao and Taiwan Internet Information Report, Tongji University   Feb. 2021 – Present
Advisor: Prof. LI Shu   Beijing, China

- Crawler technology and text classification technology are used to crawl and summarize public opinion data.
- Emotion analysis and text classification are carried out for relevant texts of specific topics.

Research Assistant, Intelligence Campus, Communication University of China   Oct. 2020 – Apr. 2021
Advisor: Prof. Shen Hao   Beijing, China

- Deign and implement the large screen of scientific research, using Datav to comprehensively display the scientific research achievements of school.
- Design data portals using Vue and Flask frameworks.

Research Assistant, Genetic Programming Inferences Regular Expressions, Chinese Academy of Science   Sep. 2019 – Aug. 2020
Advisor: Prof. Chen Haiming   Beijing, China

- Design a heuristic regular expression generator based on genetic programming.
- Use genetic algorithm, member decision algorithm and tree knowledge in data structure, recursively make the randomly generated RE set through member decision screening, and then conduct mating mutation in the form of tree with the qualified RE expression.
- Automatically generate an optimal regular expression that completely matches the positive example set and completely does not match the negative example set.

Research Assistant, Construction of Knowledge Graph on Financial News Data Set, BJUT   Sep. 2019 – Aug. 2020
Advisor: Prof. Zhao Wenbing   Beijing, China

- Responsible for annotating the news corpus and comparing with the result of manual annotation.

Research Assistant, Automatic Class Check-in System Based on Face Recognition, BJUT   Sep. 2017 – Aug. 2018
Advisor: Prof. He Ming   Beijing, China

- Responsible for the user interface design of the system and the construction of convolutional neural network for face recognition using Caffe framework.

AWARDS

2017, 2018, 2019	University-level learning Excellence Award of Beijing University of Technology (top 20%)
2017, 2018, 2019	Excellent Student Cadre of Beijing University of Technology (top 5%)
2020	Outstanding Undergraduate Graduate of Beijing (top 5%)
2021	2020 Postgraduate Academic Scholarship