Zeyu Li

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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: Electronic Information   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
   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. ADMA2022 (my paper)
   Zeyu Li; Haoyang Ma; Yingying Lv; Hao Shen
Using Noise and External Knowledge to Enhance Chinese Pre-trained Model. ICTAI 2022 (Accepted)
   Haoyang Ma; Zeyu Li; Hongyu Guo

RESEARCH EXPERIENCE

Research Assistant, Network Data Analysis of Social Hotspot Events, Tongji University   Oct. 2021 – Dec. 2022
Advisor: Prof. Shu Li   Shanghai, China
- Collect discussion text data about hot events on social networks, and conduct statistics and analysis on information in text data.

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