JUNRU LU

Natural Language Processing Enthusiast

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EDUCATION

Ph.D. candidate in Computer Science
University of Warwick

📅 Nov. 2019 – Jan. 2024　　📍 Coventry, UK

- **Supervisor**: **Prof. Yulan He**
- **Department**: Computer Science
- **Research Interests**: Question Answering and Text Generation.

M.S. in Applied Urban Science & Informatics
New York University

📅 Sept. 2018 – Sept. 2019　　📍 New York City, USA

- **GPA**: 3.67/4.00

B.Eng. in Information Management and Information System
University of International Relations

📅 Sept. 2014 – July 2018　　📍 Beijing, China

- **GPA**: 90.6/100
- **Supervisor**: **Prof. Binyang Li**

Double Bachelor of Economics
Peking University

📅 Sept. 2015 – July 2018　　📍 Beijing, China

- **GPA**: 84.2/100

INTERNSHIP

AI Algorithm Research Internship, Dept. of AI platform
Shanghai Bilibili Group

📅 Nov. 2022 – Present　　📍 Shanghai, China

- **Project1**: Implement Efficient Conformer module inside WeNet.
- **Project2**: Develop Corpus Augmentation and Text Segmentation Modules for ASR Post-processing.
- **Project3**: Speech pretraining based on Data2Vec2.

Natural Language Processing Engineer Internship
Beijing iDeepWise Artificial Intelligence Tech Ltd

📅 Mar. 2018 – June 2018　　📍 Beijing, China

- **Project1**: Research on TextCNN and Siamese-LSTM for sentence similarity.
- **Project2**: Implement a two-stage BiDAF model on Dureader Dataset.

Data Mining Engineer Internship, Dept. of Text Mining
Beijing Baifendian InfoTech Ltd

📅 Oct. 2017 – Mar. 2018　　📍 Beijing, China

- **Project**: Develop a single-round Community-based QA System **[Codes]**.

PUBLICATIONS

📄 Journal Articles

- Lu, Junru, Le Chen, et al. (2019). "Identifying User Profile by Incorporating Self-Attention Mechanism based on CSDN Data Set". In: *Data Intelligence* 1.2, pp. 160–175.

👥 Conference Proceedings

- (In submission) Lu, Junru et al. (2023). "Event Knowledge Incorporation with Posterior Regularization for Event-Centric Question Answering". In: *The 61st Annual Meeting of the Association for Computational Linguistics.*
- Lu, Junru, Jiazheng Li, et al. (2022). "NapSS: Paragraph-level Medical Text Simplification via Narrative Prompting and Sentence-matching Summarization". In: *The 17th Conference of the European Chapter of the Association for Computational Linguistics.*
- Lu, Junru, Xingwei Tan, et al. (2022). "Event-Centric Question Answering via Contrastive Learning and Invertible Event Transformation". In: *The 2022 Conference on Empirical Methods in Natural Language Processing.*
- Cai, Junjie et al. (2020). "Estimating the effect of Uber & Lyft on parking violation in NYC". in: *Transportation Research Board Annual Meeting.*
- Lu, Junru, Gabriele Pergola, et al. (2020). "Chime: Cross-passage Hierarchical Memory Network for Generative Review Question Answering". In: *The 28th International Conference on Computational Linguistics.*

ACADEMIA

- **Reviewer**: ACL, EMNLP, EACL
- **Teaching Assistant**:
  - CS331 Neural Computing (2019 - 2022)
  - CS918 Natural Language Processing (2022)

CODING

Python　　●●●●○
Sql　　●●●○○
Javascript　　●●○○○