

# JUNRU LU

## Natural Language Processing Enthusiast

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LuJunru

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## EDUCATION

### Ph.D. candidate in Computer Science

#### University of Warwick

Nov. 2019 – Mar. 2024

Coventry, UK

- Supervisor: Prof. Yulan He

### M.S. in Applied Urban Science & Informatics

#### New York University

Sept. 2018 – Sept. 2019

New York City, USA

### Double Bachelor of Economics

#### Peking University

Sept. 2015 – July 2018

Beijing, China

### B.Eng. in Information Management and Information System

#### University of International Relations

Sept. 2014 – July 2018

Beijing, China

- Supervisor: Prof. Binyang Li

## INTERNSHIP

### NLP Algorithm Research Internship, YouTu Lab

#### Tecent

May 2023 – present

Shanghai, China

### AI Algorithm Research Internship, Dept. of AI platform

#### Bilibili Group

Nov. 2022 – Apr. 2023

Shanghai, China

- Project1: Implement Efficient Conformer module inside WeNet.
- Project2: Text Segmentation module for ASR Post-processing.
- Project3: Speech pretraining based on Data2Vec2.

### NLP 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

- Lu, Junru, Gabriele Pergola, Lin Gui, and Yulan He (2023). "Event Knowledge Incorporation with Posterior Regularization for Event-Centric Question Answering". In: *Arxiv & Under submission*.
- 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, Lin Gui, Binyang Li, 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

