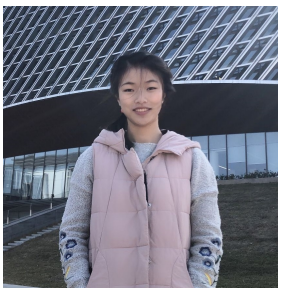
Shengqiong Wu



https://chocowu.github.io

whuwsq@whu.edu.cn

https://github.com/ChocoWu

https://scholar.google.com/citations?user=RJJLKR0AAAAJ

I am a master student (estimated graduate time: 2022/06) majoring in natural language processing (NLP) at *School of Cyber Science and Engineering, Wuhan University*, China. I am currently working on *Affective Computing*, *Social Media Analysis* and partially *Parsing* NLP tasks. I have employed the external syntactic and linguistic features to aid aforementioned NLP tasks. In my future research, I plan to apply the 'structure-aware' strategy to many more sentiment-based scenarios, such as opinionated *text generation*, emotion-aware *multi-modal*, etc.

Education

2019 – now **Wuhan University**, Wuhan, China.
M.S. in Cyberspace Security. **GPA** 3.56/4.0.
Advisor: Prof. Donghong Ji. Co-Advisor: Assoicate Prof. Fei Li.

2015 – 2019 **Wuhan University**, Wuhan, China.
B.S. in Computer Science and Technology. **GPA** 3.73/4.0.

Publications

1. **Shengqiong Wu**, Hao Fei, Ren Yafeng, Donghong Ji and Jingye Li. Learn from Syntax: Improving Pair-wise Aspect and Opinion Terms Extractionwith Rich Syntactic Knowledge. In **IJCAI**. 2021. (Oral, online) | pdf
2. **Shengqiong Wu**, Hao Fei, Yafeng Ren, Bobo Li, Fei Li and Donghong Ji. High-order Pair-wise Aspect and Opinion Terms Extraction with Edge-enhanced Syntactic Graph Convolution. IEEE **TASLP**. 2021. (*Under review*)
3. Hao Fei, **Shengqiong Wu**, Yafeng Ren, Fei Li and Donghong Ji. Better Combine Them Together! Integrating Syntactic Constituency and Dependency Representations for Semantic Role Labeling. Findings of **ACL**. 2021.
4. Hao Fei, Yafeng Ren, Bobo Li, **Shengqiong Wu**, Donghong Ji. Latent Target-Opinion as Prior for Document-Level Sentiment Classification: A Variational Approach from Fine-Grained Perspective. In **WWW**. 2021.
5. **Shengqiong Wu**, Bobo Li, Dongdong Xie, Chong Teng and Donghong Ji. Neural Transition Model for Aspect-based Sentiment Triplet Extraction with Triplet Memory. **Neurocomputing**. 2021. (*Under review*)
6. **Shengqiong Wu**, Hao Fei and Donghong Ji. Aggressive Language Detection with Joint Text Normalization via Adversarial Multi-task Learning. In **NLPCC**. 2020. (Oral, Zhengzhou) | pdf

Patent

2021 A Recursive Conditional Random Field Method for Event Recognition. Donghong Ji, Hao Fei, **Shengqiong Wu**. (Chinese Patent, CN202110101327)

Awards and Honors

2021 1st prize of Extraordinary scholarship of academy.

2020 Outstanding graduate student award.

2st prize of academic scholarship of Wuhan University for graduate.

2017 Excellent student cadre.

2016-2019 2st prize of academic scholarship of Wuhan University for undergraduate.

2016 National Encouragement Scholarship.

Experience

Internships

2019, July – Aug. **China Merchants Bank**, Information Technology Department intern.
Crawl web-data related to financial stock. Construct knowledge graph for Smart Q&A. Employ graph database (Neo4j) for data storage.

2018, July – Nov. **Yitu Technology**, Solution Engineer intern.
Responsible for the deployment, upgrade, daily maintenance of products and equipment in the company's projects.

Teaching Assistant

2021 Spring *Public Opinion Analysis*.

2020 Autumn *Natural Language Processing*.

2019 Autumn *Computer Network*.

Skills

English CET-6 (522), solid capability, such as fluent reading, and freely writing, speaking.

Coding Python, Java, LINUX, PHP, LaTeX, Markdown, …

Deep Learning Pytorch, Tensorflow, Dynet, Keras, FastNLP, AllenNLP, Paddle paddle, …