

Shengqiong Wu

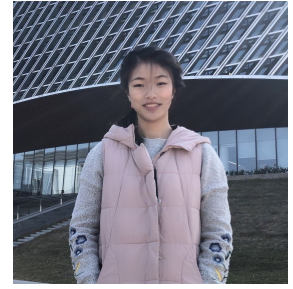
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<https://scholar.google.com/citations?user=RJJLKR0AAAAJ>



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: Associate Prof. Fei Li.
- 2015 – 2019 **Wuhan University**, Wuhan, China.
B.A. 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 Extraction with 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, L^AT_EX, Markdown, ...
- Deep Learning  Pytorch, Tensorflow, Dynet, Keras, FastNLP, AllenNLP, Paddle paddle, ...