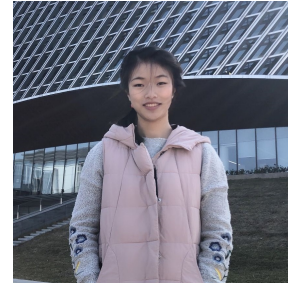


# Shengqiong Wu/吴胜琼

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



I am a master student (estimated graduate time: 2022/o6) majoring in natural language processing (NLP) at School of Cyber Science and Engineering, Wuhan University, China, with my Advisor, Prof. Donghong Ji. I am currently working on syntax-aided NLP, including *Affective Computing* and partially *Parsing*. As future research direction, I will continue dedicating my efforts to the structure-aware *Affective Computing*, but with broader scenarios, such as integrating syntax/semantic structure into *text generation*, *dialogue*, etc.

本人目前为二年级硕士研究生(3年制学硕, 预计毕业时间: 2022/o6), 就读于武汉大学, 网络安全学院, 大数据分析与人机智能研究所, 导师为姬东鸿教授。本人的研究方向为自然语言处理, 读硕期间主要研究兴趣为基于语法结构知识的情感计算, 以及基础结构解析任务等。我计划未来的研究方向为, 继续将结构化知识集成到下游情感计算任务中, 但考虑扩展到其他应用场景, 比如情感文本生成、情感对话系统以及情感多模态等。

## Education/教育背景

- 2019 – now    Wuhan University, Wuhan, China./武汉大学, 中国武汉.  
M.S. in Cyberspace Security. /硕士研究生(推免), 网络空间安全. GPA 3.56/4.0.
- 2015 – 2019    Wuhan University, Wuhan, China./武汉大学, 中国武汉.  
B.A. in Computer Science and Technology./学士, 计算机科学与技术. GPA 3.73/4.0.






## Publications/学术论文

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.
3. **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.
4. **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/专利



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

## Awards and Honors/奖励和荣誉




- 2020  Outstanding graduate student award. / 武汉大学优秀研究生.
-  2st prize of academic scholarship of Wuhan University for graduate. / 武汉大学硕士研究生学业奖学金二等奖.
- 2017  Excellent student cadre. / 优秀学生干部.
- 2016-2019  2st prize of academic scholarship of Wuhan University for undergraduate. 武汉大学本科生乙等奖学金.
- 2016  National Encouragement Scholarship. / 国家励志奖学金.

## Experience/经历




### Internships/实习

- 2019, July – Aug.  **China Merchants Bank**, Information Technology Department intern. / 招商银行信息技术部.  
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. / 依图科技.  
Responsible for the deployment, upgrade, daily maintenance of products and equipment in the company's projects.

### Teaching Assistant/教辅

- 2021 Spring  *Public Opinion Analysis*. / 舆情分析.
- 2020 Autumn  *Natural Language Processing*. / 自然语言处理.
- 2019 Autumn  *Computer Network*. / 计算机网络.

## Skills/技能

- English  CET-6 (522), solid capability, such as fluent reading, and freely writing, speaking.
- Coding  Python, Java, LINUX, PHP, L<sup>A</sup>T<sub>E</sub>X, Markdown, ...
- Deep Learning  Pytorch, Tensorflow, Dynet, Keras, FastNLP, AllenNLP, Paddle paddle, ...