Yizhong Wang

CONTACT
INFORMATION

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RESEARCH
INTERESTS

Natural Language Processing and Machine Learning, with current focus on Discourse Parsing, Document Summarization and Machine Reading Comprehension.

EDUCATION

Peking University, Beijing, China   September, 2016 - June, 2019 (expected)

M.S. Candidate, Computer Science, MOE Key Lab of Computational Linguistics

- Current research fields: Discourse Parsing, Document Summarization
- Advisor: Prof. Sujian Li

Shanghai Jiao Tong University, Shanghai, China   September, 2012 - June, 2016

B.Eng., Computer Science and Technology (IEEE Pilot Class)

- Dissertation topic: "Mining Cultural Differences between Terms and Relations in Text"
- Advisor: Prof. Kenny Q. Zhu and Prof. Xinbing Wang

EXPERIENCE AND
INTERNSHIPS

Research Intern @ Baidu NLP Group   June, 2017 - Now

I was affiliated with the Deep Question Answering Team and focused on the project of machine reading comprehension. We have released a large-scale dataset called DuReader and now I am also working on the design of new models that can read passages and answer questions more accurately.

Software Engineer Intern @ TouchPal Technology   November, 2015 - March, 2016

Working at the Input Method Engine Group for TouchPal Keyboard, I was mainly responsible for building new language models for Hindi and Brazil Portuguese. I also developed tools for crawling web corpus, analyzing user data and evaluating models.

Research Assistant @ ADAPT Lab, SJTU   April, 2014 - August, 2016

I worked under the supervision of Prof. Kenny Q. Zhu and dealt with various NLP tasks. We wrote a paper about Dependency Parsing and I also lead the Cultural Difference Mining group that aimed to discover different semantics of a term in different languages.

HONORS AND
AWARDS

Founder Scholarship, 2017

Outstanding Paper Award of ACL 2017

Chun-Tsung Scholarship (established by Nobel Prize laureate T. D. Lee), 2016

Excellent Graduate of Shanghai Jiao Tong Univ., 2016

Meritorious Winner of the Mathematical Contest in Modeling, 2015

Academic Excellence Scholarship of Shanghai Jiao Tong Univ., 2013 / 2014 / 2015

PROFESSIONAL
SKILLS

Programming languages: Python (Preferred), C++, Java, PHP, JavaScript, Shell

Machine Learning Toolkits: TensorFlow, PyTorch, Scipy, scikit-learn, XGBoost

Distributed systems: Hadoop, Spark, Hive

Operating systems: Linux (Preferred), MacOS, Windows

PUBLICATIONS

DuReader: a Chinese Machine Reading Comprehension Dataset from Real-world Applications
Wei He, Kai Liu, Yajuan Lyu, Shiqi Zhao, Xinyan Xiao, Yuan Liu, **Yizhong Wang**, Hua Wu, Qiaoqiao She, Xuan Liu, Tian Wu, Haifeng Wang
ArXiv Preprint

Tag-Enhanced Tree-Structured Neural Networks for Implicit Discourse Relation Classification
Yizhong Wang, Sujian Li, Jingfeng Yang, Xu Sun and Houfeng Wang
In the 8th International Joint Conference on Natural Language Processing (IJCNLP 2017)

A Two-stage Parsing Method for Text-level Discourse Analysis.
Yizhong Wang, Sujian Li and Houfeng Wang **(Outstanding Paper Award)**
In the 55th Annual Meeting of the Association for Computational Linguistics (ACL 2017)

Towards Non-projective High-Order Dependency Parser.
Wenjing Fang, Kenny Q. Zhu, **Yizhong Wang**, Jia Tan.
In the 25th International Conference on Computational Linguistics (COLING 2016)

OTHER
ACTIVITIES

- **Teaching Assistant** of Discrete Mathematics at PKU, 2016 - 2017

- Work as the **Monitor** of IEEE Pilot Class, 2013 - 2016

- Work as the **Director** of the Amateur Astronomers Association in SJTU, 2014 - 2015

- Strong interests in **History** and **Sports**