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Suwei Zhang

Education

- 2017.9- **Computer Technology - Master degree**, *Nanjing University*, Nanjing, China.
2020.6 Research interests: Recommender System, Machine Learning, Deep Learning.
2013.9- **Computer Science and Technology - Bachelor degree**, *University of Electronic Science and Technology of China*, Chengdu, China.

Selected Projects

- [1] **MaCon (Memory Augmented Co-Attention model)**, [\[Code\]](#).
A hashtag recommendation method for social media posts with text and image
MaCon takes a multi-modal post composed of a piece of text and an image as well as the user id as inputs.
It can recommend hashtags reflect not only the content of the post but also the personality of certain user.
- [2] **A set of reproduced models**, [\[Code\]](#).
Some deep learning models proposed by others and implemented by myself:
Hashtag Recommendation for Multimodal Microblog Using Co-Attention Networks, IJCAI 2017.
Hashtag recommendation with topical attention-based LSTM, COLING 2016.
Hashtag Recommendation Using Attention-Based Convolutional Neural Network, IJCAI 2016.
Hierarchical Question-Image Co-Attention for Visual Question Answering, NIPS 2016.
- [3] **A web application: Presentation Platform for A Bug Locator Algorithm**, [\[Code\]](#).
A web application implemented via Python Django
It provides services like develop team activity summary, team member contribution visualization and comparison, bug report management and bug localization et al.
My contributions cover functionality design and implementation, logic design, front end design and implementation, back end program implementation.

Publications

- [1] Hashtag Recommendation for Photo Sharing Services. **Suwei Zhang**, Yuan Yao, Feng Xu, Hanghang Tong, Xiaohui Yan, and Jian Lu. AAAI 2019. [\[PDF\]](#)
- [2] An Integral Tag Recommendation Model for Textual Content. Shijie Tang, Yuan Yao, **Suwei Zhang**, Feng Xu, Tianxiao Gu, Hanghang Tong, Xiaohui Yan, and Jian Lu. AAAI 2019. [\[PDF\]](#)

Skills

CS Ability Python, C/C++, Keras, PyTorch, Django, Web Crawler
Tools \LaTeX , MS Office, Linux, Git
Language Native Chinese speaker, fluent in English

Awards & Honors

Master 2nd Class Academic Scholarship
Bachelor National Scholarship, National Encouragement Scholarship, Outstanding Graduate of UESTC