XUEJIAN WANG

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EDUCATION

Shanghai Jiao Tong University (SJTU), Shanghai, China   Sep. 2014 - Aug. 2018(expected)
School of Electronic Information and Electric Engineering   GPA:3.45/4.0
Bachelor of Cyberspace Security   (Junior GPA 3.56/4.0, Ranked 18/101)

PUBLICATIONS & PATENTS

[1]**Xuejian Wang**, Lantao Yu, Kan Ren, Guanyu Tao, Weinan Zhang, Yong Yu, Jun Wang "Dynamic Attention Deep Model for Article Recommendation by Learning Human Editors Demonstration", accepted to *Proc. ACM KDD*, 2017

[2]Xuezhi Cao, Haokun Chen, **Xuejian Wang**, Weinan Zhang, Yong Yu, "Neural Link Prediction over Aligned Networks", submitted to *Proc. AAAI*, 2018

RESEARCH EXPERIENCE

Dynamic Attention Deep Model for Article Recommendation by Learning Human Editors Demonstration   Oct. 2016 - Feb. 2017
Advisor: Prof. Weinan Zhang   *APEX Data & Knowledge Management Lab, SJTU*
· Essentially, the task is a binary classification problem for articles, in which the major challenge is modeling the editors' underlying criterion varied with many factors such as time, current affairs, etc.
· Employed attention mechanism to addressing data drift problem, resulting in more robust and stable predictions
· Proposed a Dynamic Attention Deep Model (DADM) which outperformed other baselines in an A/B test
· Our paper was accepted to KDD 2017 and the proposed DADM model was on trial and automated the quality article selection process to alleviate the editors' working load

Neural Link Prediction over Aligned Networks   Aug. 2017 - Sep. 2017
Advisor: Prof. Yong Yu   *APEX Data & Knowledge Management Lab, SJTU*
· Most link prediction methods are based on single network, while real-world networks are actually aligned with each other. The major challenge is the heterogeneousness of the considered networks, which could be addressed well by our proposed model
· Implemented baseline "LINE: Large-scale Information Network Embedding" in Tensorflow and tuned parameters
· Surveyed papers about social networks and contributed lots of submits to our final paper
· Extended the idea of 2 aligned networks to multi-aligned networks which we left as future work

Personalized Article Recommendation   Sep. 2017 - Oct. 2017
Advisor: Prof. Yong Yu   *APEX Data & Knowledge Management Lab, SJTU*
· This study focuses on recommending most relevant textual advertisements to users to maximize the Click-Through-Rate, in which the major challenge is how to match user interests with articles
· Employing attention mechanism to obtain proper article embeddings and construct user previous interests

INTERNSHIP EXPERIENCE

ULU Technologies Inc.   Nov. 2016 - May. 2017
R&D Engineer Intern
· Developed a practical algorithm for article recommendation which is on trial
· Improved coding ability, learned how to independently conduct experiments and developed communication skills
· Got a main understanding of how AI start-up works

AWARDS

· KDD Student Travel Award   1.3K USD 2017
· Excellent Student Award (Top 5%)   2016

· Excellent Scholarship C   2016
· Second Prize,province-level CUMCM2016   2016
· Second Prize,"Data Bang"Data Innovation Contest   2015
· Outstanding Undergraduate Practical Program (Top 5%)   2015

SKILLS

Machine Learning:	Tensorflow, Scikit-Learn, SciPy, NumPy, xGBoost, Keras
Programming Languages:	Python, MATLAB, C++, R, Verilog and LaTeX

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

SEIEE Student Union   May. 2015 - May. 2016
Minister of Publicity Department
SJTU Student Union   Nov. 2015 - Feb. 2016
Minister of Communication Department of the Committee
Review activities
· CIKM 2017
· WSDM 2018
· AAAI 2018 (2)