

# XUEJIAN WANG

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## EDUCATION

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**Shanghai Jiao Tong University (SJTU), Shanghai, China**  
School of Electronic Information and Electric Engineering  
Bachelor of Cyberspace Security

Sep. 2014 - Aug. 2018(expected)  
GPA:3.45/4.0  
(Junior GPA 3.56/4.0, ranked 18/101)

## PUBLICATIONS & PATENTS

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- [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

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**Dynamic Attention Deep Model for Article Recommendation by Learning Human Editors Demonstration** Oct. 2016 - Feb. 2017

*Advisor: Prof. Yong Yu*

*APEX Data & Knowledge Management Lab, SJTU*

- Employed attention mechanism to addressing data drift problem, resulting in robust predictions
- Proposed a Dynamic Attention Deep Model (DADM) which outperformed other baselines in an A/B test
- Our paper was accepted to KDD 2017. 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*

- Implemented baseline “LINE: Large-scale Information Network Embedding” in Tensorflow
- Surveyed papers about social networks and helped on academic writing
- Extended the idea of 2 aligned networks to multi-aligned networks which we left as future work

## INTERNSHIP EXPERIENCE

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**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, developed communication skills
- Got a main understanding of how AI start-up works

## AWARDS

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- 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

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**Machine Learning:**

Tensorflow, Scikit-Learn, SciPy, NumPy, xGBoost, Keras

**Programming Languages:**

Python, MATLAB, C++, R, Verilog and L<sup>A</sup>T<sub>E</sub>X

## EXTRACURRICULAR ACTIVITIES

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### **SEIEE Student Union**

Minister of Publicity Department

May. 2015 - May. 2016

### **SJTU Student Union**

Minister of Communication Department of the Committee

Nov. 2015 - Feb. 2016

### **Review activities**

CIKM 2017, WSDM 2018, AAAI 2018 (2)