Li Tingfeng

Personal Data

Address: Tencent Coastal Building, Haitian Rd, Nanshan District, Shenzhen, China
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Education

September 2015 - March 2018
Master of Science in Computer Science
Northwestern Polytechnic University, China
Advisor: Prof. Du Chenglie

November 2017 - March 2018
Visiting Research Student by NPU's Exchange Funding
Rutgers, The State University of New Jersey, United States
Advisor: Prof. Gerard de Melo

September 2011 - June 2015
Bachelor of Engineering in Software Engineering
North China Electric Power University, China
Advisor: Prof. Li Gang

Research Techniques and Skills

Programming Languages: Proficient in C++, Pyhton, Matlab
Experience in Java, R, Html, JavaScript, LaTeX

Tools: PyTorch, WEKA, SPSS, Tableau

Publications and Software Copyright

1. Xunjie Zhu, **Tingfeng Li**, Gerard Melo. Exploring Semantic Properties of Sentence Embeddings[C], Proceedings of ACL 2018:632-637.

2. Tao You, **Tingfeng Li**, Chenglie Du. Discovering Probabilistic Weighted Frequent Itemsets over Uncertain Data[C], ICNC-FSKD 2017.

3. Tao You, **Tingfeng Li**, Chenglie Du, Dong Zhong, Yi'an Zhu. Data Stream Prediction Based on the Matching Rule of Antecedent Occurrence Tree[J], Journal on Communications, 2017(12):98-108. (in Chinese)

4. **Tingfeng Li**, Chenglie Du, Nan Jiang. Frequent Closed Episode Mining Based on Frequent Episode Tree and Same Node Table[C], Intelligent Technology Conference, 2017. (in Chinese)

5. Tao You, **Tingfeng Li**, Xiang Zhai, Chenglie Du. Computation of the thermal residual stresses in SiC-SiC composites by using RF and ANN-based method[J]. High Temperature Materials and Processes. (Accepted)

6. Qi Wang, **Tingfeng Li**. A Client of E-commerce Logistics Information Service Platform Based on Intelligent Terminal (Software Copyright of China), 2014SR043378, 2014.

Selected Research Experience

Nov. 2017 - Feb. 2018	**Cross-Lingual Deep Sentiment Analysis** *NPU's Exchange Funding to reseach in Rutgers University* Mordern deep learning-based sentiment analysis methods excel at determining the sentiment plarity of what is being said about companies, products, etc. However, theose methods require significatint training data, while for many languages, resources and training data are scarce. We want to present an algorithm that yields sentiment embedding vectors for numerous languages with WGAN.
Nov. 2016 - Jul. 2017	**Research on Learning Method of Design & Test Data of Aerospace Product** *The National Key Laboratory Open Research Foundation* We design several methods to mining meaningful data and pattern of aerospace product's design and test data. In this project, we try to improve Frequent Pattern Mining method and traditional Neural Network (ANN).

Industrial Experience

Apr. 2018 - Current	**Technology and Engineering Group (TEG)** Tencent Our project is the mobile payment solution launched by Tencent Cloud and WeChat Pay, which provides easy to use, low cost, open and reliable mobile payment methods for service providers to carry out business. To solve the problem of safety and reliability of the third party payment at the end of the business, help the service providers to focus on the building of the business system and explore new business.
Jun. 2017 - Sep. 2017	**Team of Precision Recommendation, Algorithm Center** Vip.com Our team is responsible for product recommendations that users may purchase. We use the **word2vec** to calculate the similarity of product names and establish the recommended model(e.g., **LR**, etc.) according to the user's gender, age, geographical and other factors. At the same time, I also participated in the reconstruction and development of the server-side framework.

Scholarships and Certificates

November 2016	The Inspur Scholarship (Top 1%)
November 2016	Outstanding Graduate Student (Top 5%)
October 2016	The First Class Scholarship (Top 10%)
October 2016	The Second Class Scholarship of Social Work
November 2014	National Endeavor Fellowship (Top 3%)
November 2014	The Second Class Scholarship
August 2014	Third Prize of National College Competition of Internet of Things (North China Division)
July 2014	Outstanding Student in Academic Summer Camp of HIT Shenzhen
December 2013	NCEPU Student of the Year (Top 5%)
December 2013	Outstanding Student Cadre of University (Top 1%)