Pengyang Wang | 汪澎洋

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Research Interests

Data Mining
Recommender Systems
Big Data Analysis
Privacy

GPA & Skills

GPA: 3.3 for bachelor 3.3 for master
GRE: 321 （V152+Q166+W3.0）
TOEFL: 90
Programming: Python, R, PHP, JAVA

Education

2014.9- current	**Master student, Major: Information Security** School of CyberSpace Security(Former School of Computer Science) Beijing University of Posts of Telecommunication, Beijing, China
2010.9-2014.6	**Bachelor of Engineering, Major: Information Security** School of Communication Engineering Xi'dian University, Xi'an, China

Research Experiences

2016.3-current — Recommender Systems of the Online Recruiting System
- Designed a time-based GBRT model(T-GBRT) to improve the efficiency of the recommendation(on precision, recall, the number of success).
- Designed a model to detect the attack to the recommendation

2015.12-2016.3 — Tutorials on Storage and Disaster Recovery
- Investigated the popular methods on storage and disaster recovery
- Compiled tutorials on storage and disaster recovery about linux(based on linux characters and a single PC)

2014.2-2014.6 — The Design and Implementation of Client System of Field Rescue
- Designed the procedure of the field rescue with doctors and nursers.
- Implemented android client.
- Debugged and deployed the system.

Competition

2015.12 — User Classification on shopping   Rank: 14/200+
- designed a model based on time windows
- cluster brands based on users' preferences
- Trained 5 decision trees based on adaboost algorithm to improve precision

2015.10 — Clothes Matching Challenge on taobao.com   Rank: 145/2100
- Cleaned and integrated data
- Applied user based collaborative filtering to match users and items

Publications

1. **Penggyang Wang**, Yingtong Dou and Yang Xin, "The Analysis and Design of the Job Recommendation Model Based on GBRT and Time Factors". 2016 IEEE International Conference on Knowledge Engineering and Applications, Singapore.

2. Kaidi Wang, Yang Xin and **Pengyang Wang**, "Analysis and Design of the Authorization and Delegation Model Based on $UCON_{ABC}$ in Cloud Environment". Journal of Cyber Security. (under reviewing)

Awards

2014.9-2016.9	The First Honor Graduate Scholarship for 2 consecutive years
2013.9	The Third Prize in the 24th Spark-Cup Undergraduate Academic and Technology Competition
2010.9-2013.9	College Undergraduate Scholarship for 3 consecutive years
2012.5	The First Prize in the China Northwest Mathematical Modeling League