No.6 Kexueyuan South Road ZhongGuanCun
Haidian District, Beijing, China, 100190
fengwenjie@ict.ac.cn | wenchiehfeng.us@gmail.com
Webpage : http://wenchieh.github.io
Github : https://github.com/wenchieh
(+86) 152-0131-6643

Wenjie Feng

The Institute of Computing Technology (ICT), Chinese Academy of Sciences (CAS), Beijing, China

Education

Institute of Computing Technology (ICT), Chinese Academy of Sciences
PhD in Computer Science. Sep. 2014 - Present
Advisor: Prof. Xueqi Cheng

University of Chinese Academy of Sciences (UCAS)
PhD in School of Computer and Control Engineering. Sep. 2014 - June 2015

Beijing JiaoTong University (BJTU)
BS in Computer Science and Technology. Sep. 2010 - Jul. 2014
Ranked 1st in the School of Computer Science (GPA: 4.25/4.30)

Research Interests

Data Mining, Large Graph Mining, Machine Learning, Social Network Analysis, Anomaly Detection

Awards & Achievements

- **The Student Travel Award**, PAKDD 2019
- Awarded the **First Class Academic Scholarship** (ICT, CAS) 2016, 2018
- Received the **Merit Student, UCAS**. 2017
- Received the **Excellent Undergraduate** of Beijing Jiaotong University 2014
- Awarded the **Excellent Thesis of Undergraduate Students, BJTU** 2014
- Awarded the **National Scholarship, China** 2012, 2103
- **Honorable Mention Mathematical Contest In Modeling (COMAP)** 2012

Publications

[6] CatchCore: Catching Hierarchical Dense Subtensor
Wenjie Feng, Shenghua Liu, Huawei Shen, and Xueqi Cheng
ECML-PKDD 2019

[5] Beyond outliers and on to micro-clusters: Vision-guided anomaly detection
Wenjie Feng, Shenghua Liu, Christos Faloutsos, Bryan Hooi, Huawei Shen, and Xueqi Cheng
The 23rd PAKDD 2019

[4] EigenPulse: Detecting Surges in Large Streaming Graphs with Row Augmentation
Jiabao Zhang, Shenghua Liu, Wenjian Yu, Wenjie Feng, and Xueqi Cheng
The 23rd PAKDD 2019

[3] EagleMine: Vision-Guided Mining in Large Graphs
Wenjie Feng, Shenghua Liu, Christos Faloutsos, Bryan Hooi, Huawei Shen, and Xueqi Cheng
Outlier Detection De-constructed (ODD) v5.0 KDD 2018

[2] Visual Domain Adaptation with Manifold Embedded Distribution Alignment
Wenjie Feng*, Jindong Wang*, Yiqiang, Chen, Han Yu, and Philip S Yu
ACMMM 2018, Top 10 Accepted. (* indicates equal contribution)

[1] Balanced Distribution Adaptation for Transfer Learning
Jindong Wang, Yiqiang Chen, Shuji Hao, Wenjie Feng, and Zhiqi Shen
IEEE International Conference on Data Mining (ICDM) 2017 (short)

Academic Projects

Dynamic Multi-media Information Fusion & Applicable System
Supervisor: Prof. Huawei Shen Oct 15 - Sep 16

- Matched relevant clothes and video-clips based on user dynamic information in social network.
- Recognized & parsed fashion style and coordinates of different clothes with deep learning technique.
- Built the scalable, on-line and distributed recommend system.

Optimal Learning Model & Vocabulary Memory System
Supervisor: Prof. Yi Sun June 15 - Oct 15

- Invented an optimal schedule model for personalized learning and review process
- The algorithm was based on the parameterized multi-queue network to capture user preference
- Built an adaptive educational software based on vocabulary recitation tasks on Android

Course Projects

Together With Me
Course: Big Data on Social Media Mining and Analytics Graph : Prof. Hao Wang May 15

- Fused the social network structure and user twitter content information to analysis the healthy and sentiment state of user community
- Devised and developed algorithm to predict social energy and user importance on graph
- Implemented an on-line demo system aiming at offering help for user specific requirements

Graduate Coursework

- 10 | 36-702 Statistical Machine Learning (CMU) Spring 2018
- AMTH561/CS662 Spectral Graph Theory (Yale) Fall 2016
- 15-826 Multimedia Databases and Data Mining (CMU) Spring 2016
- CS231n Convolutional Neural Networks for Visual Recognition (Stanford) Spring 2016
- 10-715 Advanced Introduction to Machine Learning (CMU) Fall 2015
- CS091M4041H: Algorithm design and analysis (UCAS) Fall 2014

Programming Languages

- Python, Java, C, C++, Matlab, LaTeX, Shell, Javascript

Other Projects

GoI: Guess who am I as you listen **2013**

- Developed a plug-in for IM system for "Skype", produced some interesting and funny results.
- Designed algorithm to morph human voice for the real-time continuous speech data processing.
- The project was done in a team and is to be released at github.