Weiyu Guo

Personal Information

Address: No.39 South College Road,
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Research Interests

Data Mining

- Sequence data modeling
- Personalized ranking
- Topic modeling

Deep Learning

- Explainable Artificial Intelligence (XAI)
- Accelerating convolutional neural networks on embedded platforms
- Anomaly detection, Objective detection and recognition

Education

July 2016 September 2012	**College of Engineering and Information Technology, University of Chinese Academy of Sciences** Ph.D. student in CRIPAC supervisor: Tieniu Tan Expect to graduate in June, 2016
July 2012 September 2010	**School of Software, Nanjing University** Master of Engineering, Software Engineering
July 2010 September 2006	**School of Computer and Information Technology, Shanxi University** Bachelor of Engineering, Computer Science and Technology

Professional Experience

present August 2018	**Lecturer** in **Information School, Central University of Finance and Economics**
August 2018 August 2016	**Postdoc** in **Institute of Automation Chinese Academy of Sciences**
Duty	1. Accelerate the model of convolutional neural network 2. Develop applications of face on low-power platforms

Publications

- Xinhui Wu, Weizhi An, Shiqi Yu, **Weiyu Guo**, Edel B. García Reyes. Spatial-Temporal Graph Attention Network for Video-Based Gait Recognition. ACPR, 2019.

- **Weiyu Guo**, Shu Wu, Liang Wang, Tieniu Tan. Social-Relational Topic Model for Social Networks. ACM International Conference on Information and Knowledge Management (CIKM), 2015.

- **Weiyu Guo**, Shu Wu, Liang Wang, Tieniu Tan. Adaptive Pairwise Learning for Personalized Ranking with Content and Implicit Feedback. IEEE/WIC International Conference on Web Intelligence (WI), 2015.

- **Weiyu Guo**, Shu Wu, Liang Wang, Tieniu Tan. Multiple Attribute Aware Personalized Ranking. Asia Pacific Web Conference (APWeb), 2015.

- Shu Wu,**Weiyu Guo**, Song Xu, Yongzhen Huang, Liang Wang, Tieniu Tan. Coupled Topic Model for Collaborative Filtering with User-Generated Content. IEEE Transactions on Human-Machine Systems, 2016.

- **Weiyu Guo**, Shu Wu, Liang Wang, Tieniu Tan. Personalized Ranking with Pairwise Factorization Machines. Neurocomputing, 2016.

- **Weiyu Guo**, Shu Wu, Liang Wang, Tieniu Tan. Scalable Social-Relational Topic Model for Social Networks. IEEE Transactions on Human-Machine Systems, 2016.