Luona Wang

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Education

Southwest University of Science and Technology, *Mianyang, China*   *Sep 2016-Jun 2019*

Master of Information Science, (Management Science), GPA 3.68/4.0

- Main Course: Information Organization and Retrieval (88) Information Metrology (89) Research Methodology (88) Information Analysis and Data Mining (92) Modern Information Technology (83) Research on Information Resource Management and Planning (91)

Pearl River College, Tianjin University of Finance and Economics, *Tianjin, China*   *Sep 2012-Jun 2016*

Bachelor of Information management and information systems, (Management Science), GPA 3.0/4.0

- Main Course: Management Information System (80) Database Application Practice (94) Information Management (87) Discrete Mathematics (82) Higher Mathematics I (87) Website Construction and Management (94) Electronic Commerce (87)

Research Interest

Data visualization, using large-scale data sets to study social issues, Social network, Quantitative analysis

Publications

- **Luona Wang,** Duanming Li, Xing Li.(2018). Dynamic evaluation of the influence of academic papers in online scientific communication. *Library and Information Service, 62(4),* 107-112. DOI: 10.13266/j.issn.0252-3116.2018.04.014
- **Luona Wang,** Duanming Li, Research on the evaluation method of academic book influence using weighted TOPSIS method. *Library and Information Service, 62(23),*72-77. DOI: 10.13266 /j.issn.0252-3116. 2018.23.009
- Yahui Wang, Duanming Li, **Luona Wang,** Chaochao Liu, Xing Li. Research on Ontology Merging Method Based on Attribute Reduction of FCA and Concept Lattice. *Information Science, 36(4),* 111-116. DOI:10.13833/j.issn.1007-7634.2018.04.020

Academic Experience

National Social Science Fund project, *China*   *Jun 2018-Dec 2020*

Advisor: Xing Huang

- **Project name:** Research on multi-disaster risk assessment and coordinated management mechanism of disaster prevention and reduction in China's coastal urban agglomerations
- Conduct literature search, review over 100 research articles
- Using DEA cross-efficiency model, the disaster vulnerability of 24 coastal cities in China was evaluated; Fuzzy C-means clustering algorithm (FCM) and dependent variable limited model (Tobit) were used to analyze the influencing factors
- **Outcome:** Published a paper in the **International Journal of Disaster Risk Reduction（JCR Q1，IF=4.2）**

The Ministry of education of Humanities and Social Science project, *China*   *Jul 2016-Dec 2018*

Advisor: Xing Huang

- **Project name:** Research on the support network and cooperative optimization strategy of emergency materials collection in emergency time
- Background literature research, Data preprocessing and exploratory testing
- Learned Structural Equation Model (SEM) and Simulated Annealing (SA)
- **Outcome:** Published a paper in the **Natural Hazards: Journal of the International Society for the Prevention and Mitigation of Natural Hazards**（JCR Q2，IF=3.3）

Provincial and municipal projects, *China*   *Jan 2015-Dec 2017*

Advisor: Duanming Li

- Project name: Sichuan agricultural machinery supervision 2015 version system development
- Organize technical documentation, Test the system and train the system users
- **Outcome:** A new version of agricultural machinery supervision system was developed for Sichuan Agricultural Machinery Supervision Station to meet the requirements of new functional modules

Honors & Awards

- Award for publishing high-level academic papers for postgraduate students ($300)   *Jun 2019*
- Graduate Scholarship ($1395)   *Oct 2018*
- Award for successful participation in The Interdisciplinary Contest in Modeling   *Apr 2018*
- Outstanding graduate   *Jun 2016*

Work experience

High-tech Zone (Xinshi District) Archives Center (Government department), *Urumqi, china*   *Jun 2020-Apr 2024*

Role: staff member

- Receive the files produced by all units in the region, about 4000 pieces/year
- Digital scanning of archives will be carried out, and a total of 15,181 archives will be scanned in 2023
- Four thematic databases on COVID-19, targeted poverty alleviation, Party history education and thematic education were established and related materials were collected, totaling 8,356 pieces
- To carry out archival guidance and supervision training for all units in the district, about 13 sessions/year, with about 120 participants/year
- To promote the construction of an intelligent archives management system and improve the utilization efficiency of archives in the region

Gao Bo Institute of Technology and Strategy, *Hangzhou, china*   *Jul 2019-Feb 2020*

Role: Information consultant

- Participated in the informatization construction projects of several health departments in Zhejiang Province, independently completed 50% of the overall report, compiled PowerPoint, provided effective suggestions for regional medical and health development, and was unanimously recognized by the expert group
- Participated in the industrial planning project of Jinghu New District, Shaoxing City, Zhejiang Province, independently completed 50% of the overall report, prepared a complete PowerPoint, and successfully reached the standard and accepted the project

Leadership Experience

Southwest University of Science and Technology, *Mianyang, china*   *Feb 2018-Jun 2018*

Role: Teaching assistant

- Assist the professor in teaching, including preparing course materials and PowerPoint, participating in the organization and implementation of teaching links, answering students' questions, explaining the content of the textbooks, leading discussions and interactions
- Provide individual and group tutoring to undergraduates, assist in grading their assignments and papers, provide timely feedback, and achieve over 90% student satisfaction

Targeted poverty alleviation projects, *Longnan, china*   *Sep 2017-Jan 2018*

Role: Volunteer

- Carried out 6 sessions of e-commerce technical training, with more than 600 participants
- Participated in the volunteer teaching activities of poor primary schools and taught information classes for a total of 48 hours

Skills & Interests

Technical: SPSS, Stata, familiar with MATLAB
Language: English(working)，Mandarin(native)
Interests: Drawing, Skiing