JIANG Lanxin

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EDUCATION

Rutgers University   09/2020-Ongoing

Rutgers Business School, PhD candidate in the Department of Accounting and Information Systems

Courses: Auditing, Accounting Information Systems Research, Data Mining, Text Mining, E-Commerce, etc.

Southwestern University of Finance and Economics   09/2016-06/2020

School of Accounting, Bachelor of Management in Accounting

RECENT RESEARCH

Australian Teacher Mutual Bank Data Analytics Project   08/2020-Ongoing

- Employed machine learning techniques, e.g., principal component analysis, One-class SVM, autoencoder, etc., to general ledger data for outlier detection

Blockchain-based Life Cycle Assessment System for ESG Reporting   01/2022-Ongoing

- Develop a system based on blockchain and IoT to collect data and produce ESG report via Life Cycle Assessment
- Demonstrate the implementation and applications of the proposed system

WORKING PAPERS

- Jiang, Lanxin and Vasarhelyi, Miklos and Zhang, Chanyuan (Abigail), Using Semi-Supervised Learning to Detect and Predict Unlabeled Restatements (January 7, 2022). Available at SSRN: https://ssrn.com/abstract= 4003621
- Jiang, Lanxin and Gu, Yu and Dai, Jun, ESG Taxonomy Simplification: A Hybrid Text Mining Approach (August 26, 2022). Upcoming in JETA
- Gu, Yu and Jiang, Lanxin and Yu, Wenjun and Dai, Jun. "Towards Blockchain-Enabled ESG Reporting and Assurance: From the Perspective of P2P Energy Trading." Available at SSRN 4121798 (2022).
- Zhang, Zihao and Gu, Yu and Jiang, Lanxin and Yu, Wenjun and Dai, Jun, IoT and Blockchain-based Smart Contracts: Enabling Continuous Risk Monitoring and Assessment (CRMA) in P2P Lending. Upcoming in JETA

CONFERENCE ATTENDANCE

The 2023 AAA Audit Meeting	01/2022
53st World Continuous Auditing & Reporting Online Symposium, Rutgers Business School	11/2022
The 2022 AAA Annual Meeting	08/2022
The 2022 Joint Midyear Meeting of the AIS and SET Sections	01/2022
51st World Continuous Auditing & Reporting Online Symposium, Rutgers Business School	11/2021

TEACHING EXPERIENCE

Instructor of Introduction to AI Course at Rutgers   01/2022-05/2022, 01/2023-05/2023

- Introduced the concepts and application of AI with a focus on machine learning, text mining, and RPA

Teaching Assistant of Audit Analytics by Prof. Soohyun Cho at Rutgers   06-12/2021; 09-12/2022

- Gave tutorials on Tableau, RPA, and CaseWare IDEA

AWARDS

2021 CARLAB Summer Research Scholarship, Rutgers	07/2021