Xiaodi Zhu

Email: xzhu@njcu.edu
Phone: (201) 200-2408

Assistant Professor
Department of Finance, School of Business
New Jersey City University

Office: 205G School of Business
200 Hudson St.
Jersey City, NJ, USA

Education

- **Stevens Institute of Technology** — Hoboken, New Jersey, USA
  Ph.D. in Financial Engineering
  - **Dissertation**: Incomplete Information Revelation through Mining of Semantic Structures of Financial Statements and Unstructured Financial Disclosures
- **Stevens Institute of Technology** — Hoboken, New Jersey, USA
  Master of Science in Financial Engineering
- **University of International Business and Economics** — Beijing, China
  Bachelor of Engineering in Financial Engineering

Technical Skills

Python, SQL, R, Java, NoSQL (MongoDB), SAS, Tableau, Amazon Web Service (AWS)

Selected Publications

- Yang, S.Y., Liu, F.C., Zhu, X., and Yen, D.C. *"A graph mining approach to identify financial reporting patterns: An empirical examination of industry classifications."* Decision Sciences, 2018.
- Yang, S.Y., Liu, F.C., and Zhu, X. *"Impact of XBRL on financial statement structural comparability."* Network, Smart and Open - Three Keywords for Information Systems Innovation, Springer, ISBN 978-3-319-62636-9, 2018.
- Zhu, X., Yang, S.Y., and Moazeni, S. *"Firm risk identification through topic analysis of textual financial disclosures."* In Computational Intelligence (SSCI), 2016 IEEE Symposium Series on, pp. 1-8. IEEE, Athens, Greece, 2016.
- Yang, S.Y., Liu, F.C., and Zhu, X. *"Impact of XBRL on financial statement structural comparability."* Proceedings of 2016 International Conference on Information Systems (ICIS), Dublin, Ireland, 2016.
- Yang, S.Y., Mo, S.K.Y., and Zhu, X. *"An empirical study of the financial community network on twitter."* In Computational Intelligence for Financial Engineering & Economics (CIFEr), 2014 IEEE Conference on, pp. 55-62. IEEE, 2014.

Presentations

- **Oral Presentation**: *Trading Strategy Identification Using Reinforcement Learning*, INFORMS 2019 Annual Meeting, Seattle, WA, October 20-23, 2019
- **Oral Presentation**: *Structural Comparability of Financial Statements*, IFABS 2018 Chile Conference, Santiago de Chile, December 13-15, 2018
- **Oral Presentation**: *Bank Risk Assessment Using Unstructured Text Disclosures*, INFORMS 2017 Annual Meeting, Houston, Texas, October 22-25, 2017
- **Poster**: *Forecasting Equity Risk Using Firm Risk Disclosures*, INFORMS 2016 Annual Meeting, Nashville, Tennessee, November 13-16, 2016

Awards and Honors

- **Distinguished Teaching Assistant Award**: Stevens Institute of Technology, 2016
- **Best Teaching Assistant Award**: Financial Engineering Division, Stevens Institute of Technology, 2015
- **Meritorious Winner**: The Interdisciplinary Contest in Modeling, 2011
- **First Prize**: China Undergraduate Mathematical Contest in Modeling, 2010

Professional Membership and Certificates

- **Member**: INFORMS - Institute for Operations Research and the Management Sciences (Serve as General Session Chair at 2019 INFORMS Annual Meeting)
- **Member**: DSI - Decision Sciences Institute
- **Certification**: Certified Analytics Professional, AWS Practitioner Certificate

Other Related Professional Experiences

- **Summer Associate** — JPMorgan Chase & Co.
  June 2015 - August 2015
  - Analyze factors related to credit card payment.
  - Develop a prediction model on credit card APR rate.

- **Head Lab Assistant** — Hanlon Financial Systems Lab, Stevens Institute of Technology
  September 2013 - May 2018
  - Administrate web & media development team and web servers.
  - Provide assistant on lab administration and daily operation.
  - Coordinate the 5th, 6th and 7th Annual High Frequency Finance and Data Analytics Conference.