

# Dr. Yuxing Yan

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Contact info: paulyxy@gmail.com

Background's 3-word summary: Finance, Programming, and Data

Teaching: Financial Modeling using Excel/R/Python, Robo-advising using Python, Business Analytics with R/Python, Financial Data Analytics using SAS, FinTech

Research: Market microstructure, Portfolio/investments, Financial Data Analytics

Education: PhD (Finance, McGill), MBA (WLU), Bachelor (Civil, Southeast U.)

Human languages: English and Chinese

Computer languages: R, Python, SAS, Matlab, and C

Expertise: Financial data analytics

My [FinTech webpage](#), [GoogleScholar](#), [linkedIn](#), [GitHub](#), and click [here](#) for a long CV

## Working Experience:

FinTech Boot Camp	(2022 - 2024)	Teaching Assistant
SUNY Geneseo	(2020-2023)	Assistant Professor
University at Buffalo	(2014-2019)	Visiting faculty
Canisius College	(2013-2020)	Assistant Professor
Hofstra University	(2012-2013)	Visiting Assistant Professor
Loyola University	(2010-2012)	Visiting Assistant Professor
Wharton School	(2003-2010)	Technical Director
NTU (Singapore)	(1998-2002)	Assistant Professor
WLU	(1997-1998)	Visiting Assistant Professor

## Selected courses taught (with links to syllabi):

[Programming for Data Analytics](#) (Geneseo 2021)  
[Business Statistics](#) (Geneseo, 2020)  
[Business Analytics using R](#) (Canisius, 2016, FIN456A)  
[Financial Analysis with R](#) (UB, 2014-2018, MGF694)  
[Financial Modeling using Excel](#) (Canisius, 2016-2019)  
[Portfolio Analysis](#), Canisius, 2014-2019, FIN414, MBA617  
[Options and Futures](#) (Canisius, 2014-2016, 2019, FIN480)  
[Corporate Finance](#) (Canisius, 2013-2016, FIN311)

Selected working papers (with links): [Innovative way to teach](#) (SSRN, 2022), [Robo-advising using Python](#) (SSRN, 2022), [One Semester, two languages](#) (SSRN, 2022), [Wealth inequality and the next-generation financial planners](#) (SSRN, 2022), [Individualized Exams](#) (SSRN, 2021), [Answering queries via ChatGPT: Le Moyne Case](#) (2023), [ChatGPT/Chatbot: Explaining the Time Value of Money](#) (abstract 2023), Introduction to Blockchain and Cryptocurrency ([preface](#) and proposal, 2023), [Teaching vs. research school: FinTech Case](#) (2023)

Selected publications: [Assessment of Credit Ratings and Credit Risk Models on Public Bonds](#) (2021, with Leggio and Shin), *Journal of Fixed Income*, [CRSP for teaching](#), 2019, *Journal of Accounting & Finance*,

[A trend in business education](#), 2018, *International Journal of Education and Social Science*.

[Teaching programming skills to finance students: how to design and teach a great course](#), 2017, *Financial Innovation*.

[Business cycle, investors' preferences and trading strategies](#), 2016, *Frontiers of Business Research in China* (with SJ Zhang)

[Mimic Excel](#), 2016, *Journal of Economics and Finance Education*

[Does SEC Rating Agency Certification Matter?](#), 2015, *International J. of Financial Research* (with L. Fairchild and Y. Shin)

[Red vs. Blue Stocks: Politics and Profitability of Firms](#), 2015, *Journal of Business and Policy Research*

[Quality of PIN Estimates and PIN-return Relationship](#), 2014, *Journal of Banking and Finance* (with Shaojun Zhang)

[Market Liberalization within a Country](#), 2009, *Journal of Empirical Finance* (with Qian Sun and Wilson Tong)

[Skewness Persistence with Optimal Portfolio Selection](#), 2003, *Journal of Banking and Finance* (with Qian Sun)

## Awards/nomination

2023, [link](#), [preface](#), [GitHub](#)  
[Canisiusn/2016](#),  
[FMA/2016](#),  
[Meeting/2015](#),  
[U.Penn\(2009\)](#)

## GitHub Code:

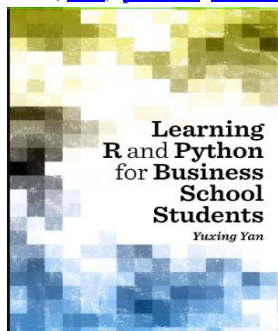
[Python/R](#), [Data Science](#),  
[Rbook](#), [Update Python](#),  
 best Model,

## Blockchain

[Mortgage](#), [Ganache](#)  
[APR/ER/EAR](#),

## Streamlit cloud:

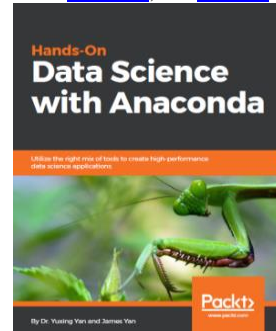
[Mortgage calculator](#),  
[APR/EAR](#) Blockchain  
 2017 (2<sup>nd</sup> ed.) [Packt](#)



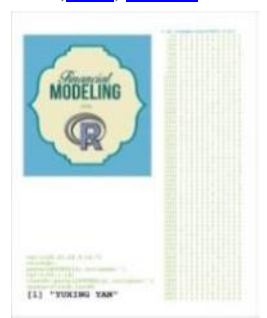
2017, [Amazon.cn](#)



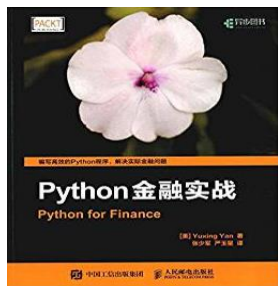
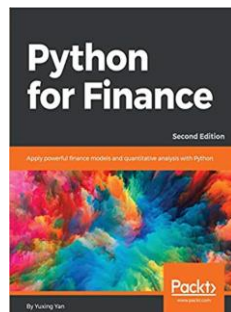
2017 [Python in Korean](#)



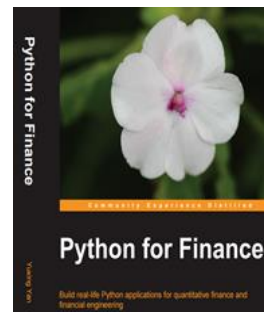
2018 [Amazon](#), [GitHub](#)



2018, [TOC](#), [GitHub](#)



(Python for Finance, Chinese)



Financial Databases, (with S. Zhu, in Chinese)