Peilin Yang

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yang.peilinc@gmail.com
Homepage: https://tteclinc.github.io/peilinyang//
Github: https://github.com/TTecLinc

Current Position

2021-Presented Predoctoral Research Fellow, Stanford University, *Graduate School of Business*
work for Finance group, Chenzi Xu

Education

2017-2021 B.A. in Economics, Nankai University, *School of Finance*
with *Highest Honor of College*
with *Highest Honor in Thesis*
Thesis: ***Rare Disaster Element in HANK***

Publications

"Numerical solution and parameter estimation for uncertain SIR model with application to COVID-19 pandemic." with Xiaowei Chen, Jing Li, Chen Xiao. 2020. *Fuzzy Optimization and Decision Making.*

Working Paper

"Maximize the Efficiency of Healthcare Matching: a Simple Modification", 2022, a technical note on health care resources allocation system during pandemic.

Research Experience

Research Assistant to Chenzi Xu, (2021 – Presented)
Research Assistant to David Yang, (2020 - 2021)
UIUC Department of Mathematics, Research Assistant to Runhuan Feng, (2020)

Professional Experience

Morgan Stanley, Sales &. Trading Division, Hong Kong, *Quantitative Trader Internship*, (2020)
Asian Development Bank, Manila, Philippines, *ADB TA PRC# 3148: China Pension Reform Project*, (2019)
WorldQuant, Beijing, *Independent Quant Trader*, (2018 - 2019)

Fellowships, Awards, and Honors

2018 Chinese Mathematical Modeling Competition Award, *Finalist, First Honor*
2018 China Undergraduate Mathematical Contest in Modeling Award, *Finalist, First Honor*
2018 China National College Students Mathematics Competition Award *(Analysis and Algebra)*, *Finalist, First Honor*
2019 American College Students Mathematical modeling competition, *First Award*

Presentations and Seminars

2021 Operations Research Society of China, Tsinghua University
- Simple planning problem of industrial structure during pandemic.

2020 Operations Research Society of China, Tsinghua University,
- Numerical solution to higher dimensional differential equations.

2019 Operations Research Society of China, Tsinghua University,

- Uncertainty CRRA Model and Risk Aversion.

2019 Summer Seminars of Computation and Economics, Shanghai University of Finance and Economics.

Computer Skills and Language

Highly Proficient: Python (Data Processing, Plot, ArcGIS, Numerical Computation, Web Scraper), MATLAB, Stata, LaTex, R *(ArcGIS, GeoDa)*, Julia, SQL, Fortran

Familiar: ArcGIS, C++, GAUSS, HTML, Linux