

Homepage: <https://tteclinc.github.io/peilinyang/>

Github: <https://github.com/TTecLinc>

## EDUCATION

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- **Nankai University**  
B.S. in Economics, School of Finance 2017 - 2021
  - with Highest Honor of Graduation
  - with Highest Honor in Thesis
  - **Thesis:** Rare Disaster Element in HANK
- **Stanford University**  
Research Associate in Graduate School of Business 2021 - Current

## PUBLICATIONS

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- 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

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- Conformal Inference for Continuous Treatment Effect. 2022. *Introducing conformal inference into the toolkit of policy evaluation*.
- Narratives Business Cycle: Neoclassical or Production Networks? 2022.
- Open-Economy Macprudential Policy: International Financial Arbitrage Channel. 2022.
- Maximize the Efficiency of Healthcare Matching: a Simple Modification. 2022. *Technical note on health care resources allocation system during pandemic*.
- Industry Structure and Wage Inequality during Pandemic. 2021.

## FELLOWSHIPS, AWARDS, AND HONORS

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- China Mathematics Olympiad 32nd, Silver Medal, 2016
- 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* 2018
- American College Students Mathematical modeling competition, *First Award* 2019

## RESEARCH EXPERIENCE

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- Full-time Research Assistant to Chenzi Xu (Stanford), Julia Fonseca (UIUC), Adrien Matray (Princeton) 2021 – Presented
- Part-time Research Assistant to David Yang (Harvard University) 2020 - 2021
- UIUC Department of Mathematics, Research Assistant to Runhuan Feng 2020

PROFESSIONAL EXPERIENCE

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- 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