Faith (Chi) Feng

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https://cfeng1.github.io

RESEARCH INTEREST	Empirical Industrial Organization, Labor Economics, Economics of Innovation

SKILLS	Python, SQL, R, Econometrics, Machine Learning

EDUCATION

PhD in Economics — Sep 2015 - Aug 2020 (expected)
Carnegie Mellon University, Pittsburgh, PA

Master in Economics and Finance — Sep 2013 - Jun 2015
Centro de Estudios Monetarios y Financieros (CEMFI), Madrid, Spain

Bachelor in Economics and Finance — Sep 2009 - Jun 2013
Southwestern University of Finance and Economics, Chengdu, China

EXPERIENCE

Data Scientist Intern (Wayfair) — Jun 2019 - Aug 2019

- Build model to identify heterogeneous effects of sponsored product campaigns conditional on product, supplier and market level features
- Direct a sales team of over 100 agents to recommend products to suppliers' sponsored campaigns based on predicted order rate

Teaching Assistant (CMU) — Jan 2015 - Present

Main responsibilities: lead recitations, organize student projects, grade assignments
- Undergraduate: Principles of Microeconomics, Intermediate Micro, Econometrics I - II
- MBA: Strategic Corporate Management, Trade and Investment Strategy
- PhD: Advanced Economic Analysis, Econometrics I - II

Research Assistant (CEMFI) — Jun 2014 - Sep 2014

- Data analysis for Survey of Health, Aging and Retirement in Europe

RESEARCH PROJECTS

Decentralized Collaboration of Open Source Developers

- Since the 1990s, we have witnessed much success in open source software industry including Apache and Mozilla. But there are much more small, inactive projects than big, active ones on open source platforms. This project examines the following questions using discrete choice model and GitHub data: Why aren't there more successful open source projects? Is it possible to reduce the proportion of small, inactive projects?

Investment Decisions of Venture Capitalists — *(with Robert Miller)*

- After 2000, there has been a significant reduction in the number of IPO in US. Since venture capital market is one of the important sources for IPO, it is natural to consider how venture-backed start-ups exit the market. We build a model to characterize the investment and exit decision of venture capitalists using venture investment records from 1990 to 2017.

AWARDS

William Larimer Mellon Fellowship — Sep 2015 - Present
CEMFI Scholarship — Sep 2013 - Jun 2015