Qing Yao

CONTACT INFORMATION

Centre for Complexity Science
Level 12, EEE Building
Imperial College London
Kensington, London SW7 2AZ

phone: +44 07402 261188
e-mail: q.yao15@imperial.ac.uk

RESEARCH INTERESTS

Complex System, Networks, Economic Networks, Economic Complexity, Shareholder Networks, Machine Learning, Statistical Mechanics, Causal Inference

EDUCATION

Ph.D. Candidate, Nov 2015 - Present
Imperial College London
Supervisors: Kim Christensen and Tim Evans

MSc in Financial Statistics, Oct 2012 - Dec 2013
London School of Economics and Political Science
Summer Project: The framework of model uncertainty in Moore-Spiegel system
Advisor: Hailing Du)

Bachelor of Physics, Xiamen University, Sep 2008 - Jun 2012
Exchange student, National Tsing Hua University, Sep 2010 - Jan 2011

PROJECTS

Shareholder Networks, working with Prof. Kim Christensen and Tim Evans
Credit Defaults Prediction using Machine Learning Techniques, working with Prof. Tarun Ramadorai
Causal Inference on Directed Graph

TALKS

- NetsicX, Hangzhou, China, Jan 2018
  Concentration of Shareholder Networks

- Centre for Complexity Science Group Seminar, Imperial College London, Nov 2017
  Causal Inference on Graph

- Condensed Matter Theory Group Seminar, Imperial College London, June 2017
  Centrality of Shareholders in Corporate Networks

- Centre for Complexity Science Group Seminar,Imperial College London, Dec 2015
  Application of Complexity Science in Mergers and Acquisitions

TEACHING

- Lab Demonstrator for Complexity and Networks (Physics), Spring 2017, Spring 2018

- Rapid Feedbacks for Quantum Theory of Matter (Physics), Spring 2017

- Teaching Assistant for Big Data in Finance (Business School), Spring 2017, Spring 2018

- Teaching Assistant for Statistics and Econometrics (Business School), Autumn 2016

WORKING EXPERIENCE

- Data Analyst & Product Manager & Founding Member, Feb 2014- Sep 2015
  DealGlobe Ltd (London based startup, online platform for cross border M&A), Shanghai, China & Minsk, Belarus & London, UK

- Intern, Administration Department & Risk Department, Dec 2013-Feb 2014
  Agricultural Bank of China (UK), London, UK

- Intern, Chengdu Branch, Dec 2011 - Feb 2012
  Industrial Securities, Chengdu, China

- Intern, Fixed Income Markets, Jul 2011 - Sep 2011
  Credit Agricole CIB, Shanghai, China

Relevant Courses

Theory of Complex System	Complexity and Networks
Non-Linear Dynamics and the Analysis of Real Time Series	Stochastic Process
Statistical Inference: Principles, Methods and Computation	Statistical Mechanics

Skills and Interests

IT: Python, R, Adobe Illustrator, SQL, Jira, Confluence(Atlassian software)
Languages: Mandarin (Native), English (Fluent), Japanese(Beginner)
Interests: Painting, Cooking, Skiing, and Yoga, 2012 Xiamen International Marathon (42km) finisher