Tuoyi (Jason) Zhao

zhaotuoyi@gmail.com | 12J, 2 Jackson Park, 28-30 Jackson Ave., Long Island City, NY, 11101 | 646-689-2029

EDUCATION

Columbia University — ***New York, NY***
M.S. in Enterprise Risk Management (GPA 3.9/4.0) (STEM Designated) — ***Expected:12/2018***

- Courseworks: Bayesian Data Analysis, Quantitative Risk Management, Systemic Risk, Value-based ERM, COSO & ISO ERM, etc.

University of Nottingham — ***Ningbo, China***
BSc. in International Economics and Trade (GPA: 3.7/4.0) — ***09/2013 – 07/2017***

- Director of Welfare Office of Students' Union.
- Head's Scholarship in 2013/2014, 2014/2015, 2015/2016.
- Courseworks: Econometrics, Micro- and Macro-economics, Game Theory, etc.

Università Bocconi — ***Milan, Italy***
BSc. in Economics (GPA: 3.7/4.0) — ***02/2016 – 07/2016***

- Courseworks: Time-series Econometric, Political Economics, etc.

INDUSTRY EXPERIENCE

Hyde Park Investment Services, Inc. — ***New York, NY***
M&A Advisory, Intern — ***07/2018 – 09/2018***

- Analyze historical and projected financial information. Value companies and business.
- Prepare confidential memoranda, management presentations, equity research report, marketing pitches and other presentations. Coordinate and perform business due diligence.

Ping An Property & Casualty Insurance Company of China, Ltd. — ***Shenzhen, China***
Finance Department Intern — ***05/2018 – 07/2018***

- Conduct rolling forcasts on cash flow. Conduct retrospective analysis on baseline scenarios projection under China Risk Oriented Solvency System (C-ROSS) requirements.
- Engage in evaluation Solvency Aligned Risk Management Requirements and Assessment (SARMRA) score under C-ROSS requirements.

Shanghai JinShi International Trade Co., Ltd. — ***Shanghai, China***
Founder and General Manager — ***01/2015 – Present***

- Strategy forming; Market demand sniffing; Distribution methods selecting.
- Negotiate with foreign companies and their import & export managers. Successfully exploit the Australia and European markets. Relationship maintaning with governmental officers.

ACADEMIC EXPERIENCE

Systemic Risk Analysis: Comparative Study between Subprime Crisis and Deepwater Oil Spill — ***12/2017***

- Fault Tree and Sign Direct Graph analyzes: trace root causes and spread of risk events over the whole system. Find the commonality of system break-downs across different domains.
- Teleo-Centric System Model for Analyzing Risks and Threats (TeCSMART) framework: compare the failure occurred in each level in both cases

Value-based Risks Analysis on McCormick — ***12/2017***

- Based on 10-K and relevant public fillings, build the baseline scenario and risk scenarios for each key risk and their impacts on cash flows according to sales regions (US, Asia, EMEA).
- Quantify impacts on net present value of McCormick through discounted cash flows.
- Use value-based ERM framework to assist managing risk indicators concerned potentially by McCormick.

Dissertation: What are the significant determinants on Bitcoin price formation? Evidence from the empirical time series — ***07/2017***

- Fetch and clean data from google API using R.
- Conduct time-series data analysis based on ARDL and VEC models using Eviews, alongside with pre- and post- estimate checks, stationarity tests, co-integration tests, residual autocorrelation and normality tests.
- Interpret results from short-time dynamic and long-time equilibrium, as well as impulse response.

Skills

Technical:	R, proficient level for Bayesian data analyses and visualization Mathematica, intermedia for data analyses (statistical & machine learning) Eveiws, proficient level for time-series analyses
Languages:	Chinese - Native; English - Fluent
Honors& Awards:	NASDAQ and Parity.org Innovation Challenge, Second Place: Establish the "AMO Index" which is an indicator for gender diversity, and deploy the index to US News Top 100 university leadership then rank them accordingly.