

CONTACT INFORMATION	133 South 36th Street, Room 628 Philadelphia, PA 19104	boyuanz@sas.upenn.edu boyuan-zhang.site
RESEARCH FIELDS	Time Series Econometrics, Applied Macroeconomics, Machine Learning, Panel Data Model.	
EDUCATION	<b>Renmin University of China</b> , Beijing, China	
	B.S., Physics (Graduation with Honors)	June 2014
	<b>University of Illinois at Urbana-Champaign</b> , Champaign, IL	
	M.S., Statistics (Analytics Concentration)	May 2016
	<b>University of Pennsylvania</b> , Philadelphia, PA	
	Ph.D., Economics	(Expected) May 2022
PUBLICATION	“Measuring International Uncertainty: the Case of Korea”, with Minchul Shin (Philadelphia Fed), Molin Zhong (Federal Reserve Board), and Dong Jin Lee (Bank of Korea), <i>Economics Letters</i> , 162, 2018, 22-26.	
WORKING PAPERS	“Forecasting with Bayesian Grouped Random Effects in Panel Data.”	
WORK IN PROGRESS	“Bayesian Estimation of Sparsely Heterogenous Panel Models”, with Hyungsik Roger Moon (USC) and Frank Schorfheide (Penn). “Early Warning Indicator of Banking Crises via factor-augmented VAR model.”	
PROFESSIONAL ACTIVITIES	Referee: <i>International Journal of Forecasting</i>	
TALKS	The 25th International Conference on Computing in Economics and Finance, Ottawa, Canada	June 2019
	The 59th World Statistics Congress, Hong Kong, China	Aug 2013
TEACHING	<b>University of Pennsylvania</b> <i>Recitation Instructor</i> Econ 002: Introductory Macroeconomics	
		Fall 2018, Spring 2019
FELLOWSHIPS, AWARDS, AND GRANDS	SAS Dean’s Travel Subvention, University of Pennsylvania	2019
	University Fellowship, University of Pennsylvania	2017–2018
	Outstanding Graduate, Renmin University of China	2014
	China National Scholarship, Renmin University of China	2013

PROFESSIONAL EXPERIENCE	<i>Data Analyst</i> <b>Anheuser-Busch InBev, Inc.</b> , Champaign, IL	May 2015 - Feb 2016
OTHER EXPERIENCE	<b>University of Pennsylvania</b> Research Assistant for Francis Diebold Research Assistant for Frank Schorfheide Research Assistant for Fernando Ferreira	2019 - Now 2019 - Now 2019
	<b>University of Illinois at Urbana-Champaign</b> Research Assistant for Minchul Shin Research Assistant for Jihyung Lee Research Assistant for Mao Ye	2016 - 2017 2016 - 2017 2016 - 2017
COMPUTING SKILLS	<ul style="list-style-type: none"> <li>• Programming Languages: R, Matlab, Julia, Python</li> <li>• Operating Systems: UNIX/Linux, Mac OS X.</li> </ul>	