Zhuang Linsheng

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EDUCATION

Master in Economics, Peking University HSBC Business School (PHBS)   2017-2020
GPA 3.49/4

Bachelor of Economics, Peking University School of Economics   2013-2017
GPA 3.70/4.   National Scholarship of 2016.

EXPERIENCE

Research Assistant   2018-2020
Sargent Institute of Quantitative Economics and Finance, PHBS, Shenzhen, China
- I got the chance to work for the Nobel price laureate, professor Thomas Sargent on a project about national bonds of the U.S. during the Civil War, by manipulating the historical finance data and got some reasonable conclusions.
- Implementing a macroeconomics DSGE model for professor Jun Nie who currently works for the Federal Reserve of U.S.

Research Assistant   Summer 2019
Institute of Operation Research and Analytic, NUS, Singapore
- Modeling the dissemination of swine flue by considering the game against vigilance in a dynamic setting. Approximate the optimal solution by the perturbation method, and to derive some properties.

Research Assistant   Summer 2018
PHBS, Shenzhen, China
- I helped Prof. Xianhua Peng, an associate professor of my school to implement an algorithm in tensorflow, which solves the finite time-horizon stochastic dynamic programming problems by neural network.

Internship   Winter, 2017
PriceWaterhouseCoopers (PwC), Shenzhen and Guangzhou, China
- Audit the ledger of China Resources Power and polish their report.

Publication, in Chinese   Spring, 2016
Fang Min, Zhuang Linsheng, Hu Tao, Theory of underconsumption: a discussion on the basis of Marx's reproduction model and Sweezy's model, *Economics Science*, Vol. 214, 4, 2016, pp43-53. DOI: 10.19523/j.jjkx.2016.04.005

KNOWLEDGE & SKILLS

Programming: I am familiar with programming in C/C++ or Java under Linux environment, building websites with node.js, maintaining MySQL database, analyzing data with Python or R. I am interested in numerical analysis, especially the numerical optimization theorem and simulation theory.

Sociology: I got my dual bachelor's degree in sociology in Peking University during 2014-2017. I liked to read classical social philosophy literature, before I realized that daily life is another story.

Cooking: Yes, I can cook Chinese food very well, such as pork braised in brown sauce, pancake, fried shredded pork with green pepper, beer duck, etc..