

Chun Wing TSE

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Education

Ph.D., Economics, Boston University, Boston, MA, 2013

M.Sc., Economics, Hong Kong University of Science and Technology, Hong Kong, 2004

B.Sc., Actuarial Science, University of Hong Kong, Hong Kong, 2002

Work Experience

Instructor of Economics and Data Science

North Seattle College

September 2017 – Present

- Designed and implemented curriculum of Data Science and Machine Learning courses.
- Taught data manipulation, visualizations, machine learning, neural networks and natural language processing with Python.
- Drafted and presented master course outlines for new Data Science courses.
- Designed and taught Economics courses.
- Created instructional videos to enhance online learning effectiveness.
- Collected and incorporated students' feedbacks into instructional strategies.
- Wrote recommendation letters for students' college transfer and scholarship applications.

Temporary Instructor at multiple colleges

Shoreline Community College / Seattle Central College / Edmonds Community College

January 2016 – August 2017

- Designed and taught Economics and Business courses.

Assistant Professor

September 2012 – August 2015

China Center for Human Capital and Labor Market Research, Central University of Finance and Economics, Beijing, China

- Taught graduate Economics and Econometrics courses.
- Researched on topics of public health and economic development in Mainland China, Taiwan, Haiti and Indonesia.
- Developed econometric and panel data models to conduct statistical estimations with STATA.
- Processed and analyzed national household survey data and field data.
- Wrote research papers and got published in international peer-reviewed journals.
- Presented papers in international research seminars.

- Supervised students developing research ideas, conducting analysis, and presenting research findings.

IDRC (Post-doctoral Research) Fellow

January 2013 – August 2013

Center for Global Development, Washington D.C.

- Wrote research papers on topics of development economics, demography and public health.
- Presented findings in bi-weekly research seminars.

Research Assistant

September 2005 – August 2007

Chinese University of Hong Kong, Hong Kong

- Used input/output analysis to quantify economic impacts of international trade.

Skills

- Python, STATA, Econometrics, Panel Data Analysis, Machine Learning, Tensorflow

Journal Publications

- “Urban Residents’ Discrimination and Well-Being of Rural-to-Urban Migrants in China,” 2015, *Journal of Contemporary China*, Volume 24
- “Legitimacy and Effective Governance: Government Satisfaction in Wenchuan Earthquake,” (in Chinese) (with Jianwen Wei), 2015, *Social Science Research*, Volume 1
- “Social Capital and Disaster Recovery: Evidence from Sichuan Earthquake in 2008,” (with Jianwen Wei and Yihan Wang), 2013, *Center for Global Development Working Paper Series*