**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*