

HIO LOI

(857) · 334 · 8627 ◊ hioloi@siu.edu

Department of Economics ◊ Southern Illinois University Carbondale
1000 Faner Drive, Mail Code 4515, Carbondale, IL 62901

(Last Revised: November 22, 2015)

RESEARCH INTEREST

Digital Currency, Forecasting, Monetary Theory and Policy, International Trade

EDUCATION

Southern Illinois University Carbondale *2012 - present*

Ph.D. in Economics

Dissertation: Essays on Digital Currency

Advisor: Scott Gilbert, Ph.D.

Eastern Illinois University *2010 - 2012*

M.A. in Economics

Thesis: Inflation and Growth: An Estimate of the Threshold Level in the US

Advisor: Ahmed S. Abou-Zaid, Ph.D.

Macao Polytechnic Institute *2005 - 2009*

B.S. in Accounting and Finance

ACADEMIC EXPERIENCE

Southern Illinois University Carbondale *August 2012 - Present*

Independent Instructor

– History and Philosophy of the World's Economic Systems *Fall 2015, Spring 2016*

Teaching Assistant

– Macroeconomic Theory II (PhD core) *Spring 2015*

– Macroeconomic Theory I (PhD core) *Fall 2014*

– Intermediate Macroeconomics *Spring 2014, Fall 2014*

– History and Philosophy of the World's Economic Systems *Spring 2014*

– Economics of Contemporary Social Issues *Fall 2013*

– Law and Economics *Spring 2013*

– Introduction to Microeconomics *Fall 2012*

Eastern Illinois University *August 2011 - May 2012*

Teaching Assistant

– Principle Microeconomics *Spring 2012*

– Principle Macroeconomics *Fall 2011*

WORKING PAPERS

1. Gilbert, S. and Loi, H. (2015). Digital Currency from a Traditional Asset Pricing Perspective. (Job Market Paper), *the first chapter of my dissertation.*
2. Loi, H. (2015). Determinants of the Bitcoin Price Movement, *Manuscript under review, the second chapter of my dissertation.*
3. Loi, H. (2015). Three Islands Relocation Model: A Model for Bitcoin, *Manuscript under review*
4. Loi, H. (2015). The Liquidity of Bitcoin, *the third chapter of my dissertation.*

PRESENTATIONS

1. Systematic Risk and Mean-Variance Portfolio Analysis: An Empirical Study of Bitcoin, Brown Bag Seminar, Department of Economics, Southern Illinois University Carbondale, February, 2015
2. Systematic Risk and Mean-Variance Portfolio Analysis: An Empirical Study of Bitcoin, The Graduate Creative Activities and Research Forum, Southern Illinois University Carbondale, April, 2015
3. Digital Currency Risk, Missouri Valley Economic Association 52nd Annual Meeting, Kansas City, MO, October, 2015

JOB EXPERIENCE

U.S. Census Bureau

Enumerator

– Conducted interviews with residents in assigned area

– Assessed quality control level on selected address and maintained records for quality control verification

Boston, MA

April 2010 - June 2010

Social Welfare Bureau of Macao SAR Government

Office Assistant

– Entered and collected data such as questionnaires

Macao, China

Summer 2006

AWARDS

1. Outstanding essay award in Asian Studies, Eastern Illinois University in 2012.
2. Omicron Delta Epsilon international honor society in Economics in 2011.

ACTIVITIES AND VOLUNTEER SERVICE

1. Volunteer, Literacy Program, John A. Logan College, 2015 - present
2. Graduate and Professional Student Council Representative, Southern Illinois University Carbondale, 2014 - 2015
3. Graduate Student Advisory Council, Eastern Illinois University, 2011- 2012
4. Funding Raising Chair, Economics Club, Eastern Illinois University, 2010 - 2011
5. Leader, Debate Team at Macao Polytechnic Institute, 2006 - 2008
6. Volunteer, Macao Central Leo Club, 2005 - 2009

SKILLS

Computer skills

EViews, STATA, MATLAB, OCTAVE, DYNARE, \LaTeX

Language

English, Cantonese, Mandarin

PERSONAL

US citizen.

Permanent residents in Macao, China and Hong Kong, China.

REFERENCE

Scott Gilbert, Ph.D.

Associate Professor

Department of Economics

Southern Illinois University Carbondale

Phone: 618/453-5095

Email: gilberts@siu.edu

Zsolt Becsi, Ph.D.

Associate Professor, Director of Undergraduate Studies

Department of Economics

Southern Illinois University Carbondale

Phone: 618/453-5067

Email: becsi@siu.edu

AKM Mahbub Morshed, Ph.D.

Associate Professor

Department of Economics

Southern Illinois University Carbondale

Phone: 618/453-5740

Email: mmorshed@siu.edu