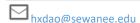
# PhD, Economics

# **HOANG DAO**









#### **EDUCATION**

PhD, Economics (STEM) 8/2021

State University of New York at Buffalo

Master, Econometrics & Quantitative Economics (STEM)

State University of New York at Buffalo

Bachelor of Arts, Economics 5/ 2014

St. John's University

## **FIELDS OF INTERESTS**

Research Applied Microeconomics, Urban Economics, Transportation Economics, Industrial Organization, Agricultural

**Economics** 

**Teaching** Applied Microeconomics, Econometrics, Microeconomics Theory, Health Economics, Game Theory, Urban

Economics, Industrial Organization, Introductory Macroeconomics, Statistics, Environmental & Agricultural

**Economics** 

#### **ACADEMIC EXPERIENCE**

# **Visiting Assistant Professor**

University of the South, Department of Economics

8/2023-ongoing

• Teaching: Health Economics, Urban Economics, Principles of Economics

## **Visiting Assistant Professor**

Berry College, Campbell School of Business

8/2021-7/2023

- Teaching: Business Statistics, Introductory Economics
- Research:

Individual research

Summer Undergraduate Research group mentorship (SURF program) for Economics

Summer 2022

- Provide instructions on Econometrics and research methodology
- Provide instructions on statistical software techniques (R and Excel): Data cleaning, visualization, and analysis
- Presentation at the Eastern Economic Conference 2023
- Service: Advise Honor's student theses

# **GRADUATE EXPERIENCE**

Research Assistant 2019-2021

SUNY Research Foundation

Resolve the market failure in local parking by providing more information through a mobile app. Employ R programming with an extensive application of discrete choice models, simulation, and mathematical modelling.

Teaching Experience 2016 - 2019

The State University of New York at Buffalo

Adjunct Lecturer (Individual Instructor)

• Econometrics (ECO 480)

Winter 2019

Urban Economics (ECO 421)

Fall 2018, Summer 2019

• Microeconomic Theory (ECO 405)

Summer 2017, Summer 2018

Intro to Microeconomics (ECO 182)

Summer 2016, Summer 2017, Winter 2018

Intro to Macroeconomics (ECO181)

Fall 2018, Spring 2019

#### **Graduate Teaching Assistant**

- PhD-level: Microeconomics Theory (ECO 666)
- Master/advanced undergraduate level: Industrial Organization (ECO 524), Econometrics (ECO 480/580)
- Introductory level: Intro to Microeconomics (ECO 182), Intro to Macroeconomics (ECO 181)

#### **WORKING PAPERS**

"It's getting bitter: the effects of climate change on the coffee market"

"The effects of reduced working hours in Iceland" with Tracy Tucker & Karsen Brantly

"The invisible costs of competition in airline industry: insights from demand estimation"

"The effects of information sharing in parking: policy suggestions from an agent-based simulation" with Alex Anas

#### **CONFERENCE PRESENTATIONS**

**Poster Presentation** 

AEA - American Economic Association Annual Conference

San Diego, CA 1/2020

**Paper Presentations** 

Eastern Economic Association

New York 2/2023

International Transportation Economic Association (ITEA)

2021 Missouri 10/2020

Missouri Valley Economic Conference New York State Economic Association Pennsylvania Economic Association

Rochester, NY 9/2019 Kutztown, PA 5/2019

#### **TECHNICAL SKILLS**

#### Software skills:

- Primary (working & classroom experience): R, LaTEX, Excel, MatLab, Microsoft Office
- Secondary (classroom experience): Python, Stata, Mathematica, Visual Basics, Excel VBA

#### Statistical models:

- Primary: multivariate discrete choice(Logit/Probit), BLP, RDD, IV, GMM, DD, DDD,
- Secondary: propensity score matching, machine learning, predictive modelling, Random Forest, Gradient Boosting

# PROGRAMMING PROFICIENCY CERTIFICATE

Practical Machine Learning in R

10/2019

John Hopkins University

Data analysis in Python 10/2019

**IBM** 

#### **ACHIEVEMENTS & AWARDS**

Full graduate tuition scholarship Charles Merrill Economic Award for Excellence NCAA Math contest SUNY Buffalo, 2014-2020 CSBSJU Department of Economics, 2013 NCAA, 2011