

CONTACT
INFORMATION

Johns Hopkins University
Wyman Park Building, 5th Floor
3100 Wyman Park Dr
Baltimore, MD 21211

Homepage: <http://taowangecon.github.io>
GitHub: <https://github.com/iworld1991>
✉ E-mail: twang80@jhu.edu
Phone: (410) 516-7601

RESEARCH
INTEREST

- **Behavioral macroeconomics:** expectation/belief formation, risk perceptions
- **Heterogeneous-agent macroeconomics:** household behaviors and macroeconomic dynamics
- **Open-source computational economics**
- **Micro data for macro questions**

EDUCATION

Johns Hopkins University, Baltimore, MD 2017– 2023 (expected)

- M.A. and Ph.D. candidate in Economics
- Advisor: Prof. Christopher Carroll
- Coursework: Time Series Econometrics, Asset Pricing, Decision Making under Uncertainty, Computational Macroeconomics, Information in Economics and Finance, International Finance, Advanced Macroeconomics I & II

Cornell University, Ithaca, NY 2013–2015

- M.P.A. in Cornell Institute for Public Affairs

Renmin University of China, Beijing, China 2009–2013

- B.A. in Economics

WORKING
PAPERS

1. “*How Do Agents Form Inflation Expectations? Evidence from Cross-moment Estimation and the Uncertainty*”, [working paper](#), 2021.
2. “*Perceived Income Risks*”, [working draft](#), 2022.
3. “*Learning from Friends in a Pandemic: Social Networks and the Macroeconomic Response of Consumption*”, [working paper](#), with Christos Makridis, 2020.
4. “*Epidemiological Expectations*”, [working paper](#), in preparation for *Handbook of Economic Expectations*, with Christopher Carroll, 2021.
5. “*Perceived (Un)employment Risks Over Business Cycles*”, work in progress, with William Du and Xincheng Qiu, 2022.

CONFERENCE

- Yale SOM, NBER Behavioral Macro Research Bootcamp, 2022 ASSA (session chair), Behavioral Macroeconomics Workshop

AWARDS

- Joel Dean Undergraduate Teaching Award, 2019-2020, 2020-2021, 2021-2022, Johns Hopkins University
- Sylvia and Wilifried Prewo Fellowship, 2020-2021, Johns Hopkins University

RESEARCH
ASSISTANT
EXPERI-
ENCE

- **Heterogeneous-agent macroeconomic modeling** 2019
Econ-ARK Project led by Prof. Christopher Carroll
 - Wrote the [Python code/Jupyter Notebook](#) that evaluates, illustrates and visualizes the dimension-reduction in solving high-dimension general equilibrium models by Bayer and Luetticke (2018).
 - Contributed to the [Jupyter notebook](#) replicating Krusell-Smith (1998) algorithm via [HARK](#) toolkit.
- **Macroeconomic Belief Formation and Machine Learning** 2021-2022
NSF project by Prof. Francesco Bianchi
 - Topical modeling using historical news archives
- **Quantitative economic modeling** 2017
[Quantitative Economics](#), Prof. Thomas Sargent (New York University)
- **Capital account liberalization and exchange rate dynamics** 2015
Prof. Eswar Prasad (Cornell University)

EMPLOYMENT
EXPERI-
ENCES

- **International Monetary Fund** 2016-2017
Research Assistant in the Research Department
- **The Brookings Institution** 2015-2016
Research Analyst in Global Economy and Development Program

TECHNICAL
SKILLS

- *Programming Languages*: Python, Matlab, Stata

POLICY
PUBLICA-
TION

1. **A Sy and T Wang** . “*De-risking, Renminbi Internationalization and Regional Integration: Evidence from Payment Flows of Sub-Saharan Africa*”. [Brookings Working Paper](#), 2016.

REFERENCES

- Prof. **Christopher Carroll** (JHU), ccarroll@jhu.edu
- Prof. **Jonathan Wright** (JHU), wrightj@jhu.edu
- Prof. **Francesco Bianchi** (JHU), francesco.bianchi@jhu.edu