

YANG Yifan

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EDUCATION

University of Wisconsin - Madison

Sep 2023 - Present*

BS. Economics (Math Emphasis) & Mathematics (Honor) & Data Science | Minor in Computer Science

The Hong Kong University of Science and Technology

Sep 2021 - Jun 2023

BSc. Mathematics and Economics | Minor in Information Technology | Transferred to UW - Madison

INTERNSHIP

Shanghai Pudong Development Bank, Hong Kong Branch

Jun 2024 - Aug 2024

Intern, Financial Institutions Department

Hong Kong SAR

- Analyzed investment banking operations for nine major Chinese banks (2018–2023) using data-driven financial analysis.
- Authored 30+ credit reports assessing the creditworthiness and risk profiles of various financial institutions.
- Supported syndicated loan projects and financial forecasting for 20 companies to aid strategic planning.

RESEARCH PROJECTS

The Effect of the Hong Kong Political Change during 2019 on Trade

Sep 2024 - Dec 2024

Junior Honor Thesis | Advisor: Prof. Lydia Cox

Intro Slides | View Here

- Applied a difference-in-differences approach comparing Hong Kong and Singapore using trade data from 2005–2023 to assess the impact of 2019 protests and policy changes.

Impact of Municipal Bond on Local Economic Growth

Jan 2024 - May 2024

Sophomore Honor Thesis | Advisor: Prof. Simeon Alder

View Here

- Employed OLS and panel data methods to examine the impact of municipal bond issuance on local GDP growth in Chinese prefecture-level cities. Findings reveal significant regional variations and diminishing marginal returns.

RESEARCH EXPERIENCE

U.S. Tariff History Project

Feb 2024 - Present*

Research Assistant supervised by Prof. Lydia Cox

Department of Economics, UW-Madison

- Digitize and analyze archival trade records to extract insights on agricultural trade patterns.
- Develop and refine Python scripts to clean and validate the USIMC dataset obtained via AWS Textract.
- Create robust routines to preprocess USDA GATS and PS&D data for rigorous econometric analysis.

Measure Theory - Directed Reading Program

Sep 2023 - Dec 2024

Participant

Department of Mathematics, UW-Madison

- Delve into advanced measure theory—focusing on Lebesgue integration, sigma-algebras, and convergence theorems—under the mentorship of a PhD student.
- Engage with seminal texts and participate in weekly seminars to extend understanding beyond the standard curriculum. Prepare a comprehensive research proposal and final presentation summarizing theoretical insights and potential applications.

SKILLS & LANGUAGES

Programming

Python, R/RStudio, MATLAB, Stata, Java (basic)

Tools

Office, L^AT_EX, Bloomberg Terminal (with Bloomberg Market Concept Certificate)

Languages

Mandarin (native), English (fluent), Cantonese (basic)

Interests

Macroeconomics, Growth Economics, International Trade