

Hoang-Anh Nguyen

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Education

Ph.D. in Economics, Carnegie Mellon University, May 2027 (expected)

Principal Advisor: Robert A. Miller

M.Sc. in Economics, Carnegie Mellon University, 2023

M.Sc. in Economics, LUISS Guido Carli University & EIEF, 2021

B.Sc. in Economics (Minor in Law), Utrecht University, 2019

Research Interests

Industrial Organization, Urban Economics, Mechanism Design

Working Papers

“Rebuilding the Blocks: Firm Heterogeneity and Urban Retail After Remote Work”,
with Tuyetanh L. Tran, *Job Market Paper*

Abstract: Urban neighborhoods differ not only in how many restaurants and shops they host, but also in the quality of those firms. We ask how spatial demand, competition, and spillovers shape the distribution of heterogeneous retail firms within and across locations, and how that distribution and consumer welfare respond to work-from-home adoption. Combining mobile-device GPS data with San Francisco administrative records, we document two patterns: firm-level visits vary more within Census block groups than across them, and consumers trip-chain, generating spillovers between neighbors. We then build and estimate a spatial equilibrium model in which consumers make nested location–firm choices and heterogeneous firms enter under incomplete information. Simulating work-from-home adoption, we find that city-center locations gain entrants despite losing foot traffic from local workers. Lower rents due to workers leaving, combined with these locations’ higher estimated inherent quality, outweigh the lost demand. In locations where entry falls, the welfare loss is smaller than counts alone suggest because the marginal firms are those with the lowest expected visits. Aggregate consumer surplus rises 2.7 to 8.0 percent across adoption levels, driven mainly by better access to retail.

“The Trade-Offs of Curbside Parking: Evidence from Demand-Based Pricing”,
with Tuyetanh L. Tran

Abstract: City governments face a trade-off in managing curb space: providing parking to facilitate access to consumption amenities and generate revenue, versus allocating it to alternative land uses. In this paper, we quantify the welfare implications of curbside parking and evaluate alternative policies for managing curb space through parking instruments. We develop a structural model of drivers’ joint destination and parking

decisions. We estimate the model using high-frequency data on metered parking transactions and GPS data on visits to points of interest in San Francisco. We find that, while drivers value curbside parking, the present discounted value of parking revenue and driver surplus generally falls short of local assessed land values. Compared to a revenue-maximizing uniform pricing scheme, San Francisco's demand-based pricing generates about 30% more revenue while reducing cruising trips by nearly 70%. Our counterfactuals show that reducing parking supply by roughly 6% and lowering the status quo demand-based prices by \$1.25 citywide preserves parking welfare, with only a modest revenue loss, while freeing curb space for other uses.

Work in Progress

“Online School Ratings and the Housing Market”

“Dynamic Interest Rates in Rural Credit Markets”, with André Sztutman

“Savings Policies with Persistent Shocks”, with Liyan Shi and Ali Shourideh

Professional Experience

Economist Intern, Amazon, Summer 2026

Teaching Experience

Instructor, Carnegie Mellon University

MBA Math Skills Workshop, 2025

Teaching Assistant, Carnegie Mellon University

Regression Analysis (Undergraduate), 2023–2026

Probability and Statistics for Business (Undergraduate), 2022–2025

Econometrics (Ph.D.), 2023–2024

Trade and Investment Strategy (MBA), 2023

Strategic Corporate Management (MBA), 2023

Fellowships and Awards

PNC Research Support Fund, 2026

William Larimer Mellon Fellowship, Carnegie Mellon University, 2021–2026

RoME Scholarship, Einaudi Institute for Economics and Finance, 2019–2021

Utrecht Excellence Scholarship, Utrecht University, 2016–2019

Skills

Programming: Python, R, Julia, MATLAB, Stata, SQL, PySpark

Languages: Vietnamese (native), English (fluent)

References

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