

Nam Nguyen

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Education

2022	Ph.D. Economics University of Wisconsin - Milwaukee	University of Wisconsin - Milwaukee
2016	M.A. Economics University of Illinois at Chicago	University of Illinois at Chicago
2013	B.A. Economics and Business Administration Coe College	Coe College

Experience

Sep 2017 - May 2022	Graduate Teaching Assistant Milwaukee, Wisconsin, US	University of Wisconsin - Milwaukee
	<ul style="list-style-type: none">Clearly communicated statistics and econometric theory, with the express purpose of applying it to analyze real data	
Jan 2017 - Aug 2017	Research Assistant Washington D.C., US	America Institutes for Research
	<ul style="list-style-type: none">Designed and quality controlled standardized tests for public grade school students	
Sep 2014 - May 2016	Graduate Teaching Assistant Chicago, Illinois, US	University of Illinois at Chicago
	<ul style="list-style-type: none">Taught a diverse set of students with a wide range of technical backgrounds	
Dec 2013 - Jun 2014	Life Insurance Underwriting Assistant Cedar Rapids, Iowa, US	Transamerica
	<ul style="list-style-type: none">Reviewed and audited applications, correspondence, legal documents, and reports to comply with business processing rules	
Sep 2011 - Dec 2011	International Trade Analyst - Intern Chicago, Illinois, US	SBCD Illinois International Trade Center
	<ul style="list-style-type: none">Conducted research in foreign markets to provide information and services to help small businesses exportOrganized events and seminars to promote exporting, hosting up to 70 business representatives	
May 2011 - Sep 2011	Undergraduate Research Assistant Cedar Rapids, Iowa, US	Coe College
	<ul style="list-style-type: none">Researched in economic growth models, theories and analytical, empirical studies	

Data Science Skills

Communication: presentations • data analysis reports (Rmarkdown, Jupyter) • data visualization (ggplot2) • peer-reviewed publications (journal, conference)

Numerical Methods: optimization (stochastic, multi-start) • differential equations

Programming Languages: R • Python • SQL • Matlab • C++ • Stata

Software Development: source control (Git)

Statistics: machine learning • Bayesian inference • data analysis • time series models • cross-validation • uncertainty quantification

Researchs

✍️ 5 thesis papers

Papers

- Price, N. B., Chizinski, C. J., Fontaine, J. J., Pope, K. L., Rahe, M., & Rawlinson, J. (2020). An open-sourced, web-based application to improve our ability to understand hunter and angler purchasing behavior from license data. *PLOS ONE*, 15(10), e0226397. <https://doi.org/10.1371/journal.pone.0226397>
- Hinrichs, M. P., Price, N. B., Gruntorad, M. P., Pope, K. L., Fontaine, J. J., & Chizinski, C. J. (2020). Understanding Sportsperson Retention and Reactivation Through License Purchasing Behavior. *Wildlife Society Bulletin*, 44(2), 383–390. <https://doi.org/https://doi.org/10.1002/wsb.1088>

3. Balesdent, M., Brevault, L., Price, N. B., Defoort, S., Le Riche, R., Kim, N.-H., Haftka, R. T., & Bérend, N. (2016). Advanced Space Vehicle Design Taking into Account Multidisciplinary Couplings and Mixed Epistemic/Aleatory Uncertainties. In G. Fasano & J. D. Pintér (Eds.), *Space Engineering: Modeling and Optimization with Case Studies* (pp. 1–48). Springer International Publishing. https://doi.org/10.1007/978-3-319-41508-6_1
4. Chaudhuri, A., Waycaster, G., Price, N., Matsumura, T., & Haftka, R. T. (2015). NASA Uncertainty Quantification Challenge: An Optimization-Based Methodology and Validation. *Journal of Aerospace Information Systems*, 12(1), 10–34. <https://doi.org/10.2514/1.I010269> doi: 10.2514/1.I010269