

JAMES NESBIT

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PROFESSIONAL EXPERIENCE

Amazon: Economist II (F3 Distribution Optimization and Grocery Innovation) *March 2021-Present*

- Built routing optimization algorithm to produce cost optimal truck schedules for a variety of Amazon business. Initial cost savings from optimization of 6% compared to manual planning with fewer defects.
- Developed algorithm to optimize product ordering and facing at Amazon Fresh stores.

Amazon: Economist Intern (AWS Central Economics) *Summer 2019*

- Developed R package, “Meta-Learning for Forecasting” (*metafore*) to estimate optimal forecast ensemble for high dimensional time series using statistical features of the data.
- Built CI/CD pipeline using AWS CodeCommit, CodeBuild, CodePipeline, Elastic Container Repository and Sagemaker for forecasting teams’ internal tools. Allowed team’s forecasting code-base to be deployed at scale.

RESEARCH AND EDUCATION

Ph.D. in Economics, New York University *2015–2021*

Dissertation: Essays in Econometrics

Advisors: [Tim Christensen](#), [José Luis Montiel Olea](#), [Alfred Galichon](#)

Publications and Forthcoming

“(Machine) Learning Parameter Regions”

(with [José Luis Montiel Olea](#))

Journal of Econometrics, Vol. 222(1), 2021, 716-744

“Mood and Economic Decision Making: Experimental Evidence”

(with [Judd Kessler](#), [Andrew McClellan](#), and [Andrew Schotter](#))

Accepted (March 2021), *Experimental Economics*

Working Papers

“A Robust Machine Learning Algorithm for Text Analysis”

(with Shikun Ke and [José Luis Montiel Olea](#))

Revise and resubmit, *Quantitative Economics*

“Text as Instruments”

FELLOWSHIPS, HONORS AND AWARDS

Henry Mitchell MacCracken Fellowship, NYU *2015–2020*

Economics Honours Prize, The University of Melbourne *2013*

SEMINARS AND OTHER ACADEMIC ACTIVITIES

Conferences and Seminars

The University of Melbourne (2021), Econometric Society World Congress (2020), Early Career Economists Conference (Monash University, 2018)

Referee

Econometrica, Journal of Econometric Methods