Rustin Partow

https://rustinpartow.github.io

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Citizenship: United States

Experience

- Senior Economist/Machine-Learning Engineer at Instacart, July 2021-Present

- Data Scientist/Economist at Uber LLC, June 2020-June 2021
  - Partnered with several cross-functional teams to develop a supply-lever decision framework that combines experimentation on individual supply levers (promotions, paid ads, etc.) with dynamic structural modeling to generate actionable insights about where we should invest in order to efficiently grow supply
  - Led several deep dives on driver retention; built a model that extracts signals about the user-experience from retention time-series data amidst noise driven by compositional change
  - Authored an internal study documenting the effects of UI benefits on supply on Uber's platform
  - Lead DS for ultra-high-visibility product initiatives to transform Rides and Eats supply-bases into a shared pool, optimally reallocate supply between the two shared businesses, and internalize cross-business supply-side effects in key metrics and business decisions

- Teaching Assistant: University of California at Los Angeles 2015–2019.

- Consultant: Bates White LLC 2011–2013.

Service

- CC2PhD Program Mentor , 2018-2020

Education

- Ph.D. Economics, University of California at Los Angeles, 2020.
  - Dissertation on Matching, Reallocation and Retention in Labor Markets in under Maurizio Mazzocco and Moshe Buchinsky

- M.A. Economics, University of Texas at Austin, 2013.

- Dual B.S. Mathematics, Economics George Washington University, 2011.

Languages

- Speaking: English (native), Spanish (fluent), Farsi (proficient)

- Programming: Highly proficient in Julia, Python, Stata, MATLAB, LaTeX, SQL and Excel. Working knowledge of SQL, R, HTML, and Git.