

Nicholas Janetos

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Summary

Full-stack generalist combining ML modeling, backend engineering, product thinking, analytics, and hands-on operations to ship end-to-end. Background in economics with experience in microeconomic theory and modeling, marketplace pricing, logistics optimization, backend and ML engineering, and public policy. Track record of taking new products from zero to one. Available for full-time roles in tech, quantitative finance, and consulting, as well as independent consulting engagements.

Experience

DoorDash

2022 – 2025

Staff Machine Learning Engineer

- ML tech lead for Dasher pay systems, from modeling through production implementation. Led revamp of Dasher pay system through fairer pay for Dashers.
- Led effort to rebuild consumer pricing moving from heuristics approach to ML / optimization. Built and productionalized the V0 version of the pricing model now used to set delivery fees at DoorDash.
- ML tech lead for Dasher ratings and rewards system, including agentic fault adjudication to ensure fair rating outcomes for delivery issues outside Dasher control. The system I built reduced the false discovery rate, unblocking core rating features.
- Led effort to stand up automated fraud claims-and-returns adjudication, reducing manual review volume and improving accuracy. Built and productionalized the V0 version of the fraud model improving accuracy.
- Developed agentic LLM systems for the delivery fulfillment lifecycle, taking the product from prototype through production deployment. The resulting tool is used widely internally for answering questions and investigating issues with the logistics platform; spinoffs from this project became automated Dasher fault adjudication mentioned above.

Convoy

2019 – 2022

Research Scientist → Research Science Manager

- Built optimized bidding algorithms for freight matching—modeling, backend services, and operational rollout.
- Developed spot pricing and contract pricing models to improve margin and win rates.
- Designed, built, and deployed the contract price forecasting and optimization model end-to-end, from research through production.
- Science manager for contract pricing team.
- ML tech lead for the Convoy Platform team.

Penn Wharton Budget Model

2017 – 2019

Director (Analytics)

- Developed simulation models for Social Security forecasting used in federal policy analysis.
- Conducted public policy research on fiscal and entitlement program sustainability.

Education

University of Pennsylvania

Ph.D., Economics

University of Washington

B.S., Mathematics and Economics

Skills

Zero-to-one product development · Production ML · Backend engineering · Agentic LLM systems
· Pricing optimization · Economic modeling · Forecasting · Analytics · Operations