NBER Digital Economics and AI Tutorial Application

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I am currently a fourth-year Ph.D. candidate in Economics at Cornell University. I enrolled in August 2022 and expect to graduate in May 2028. My research interests lie in industrial organization, with a focus on firms' strategic behaviors and the role of information on digital platforms.

I have three work-in-progress projects. The first project, *"Understanding Trust in Platforms" (with Benjamin Leyden and Michael Luca)*, is an early-stage project that plans to survey a nationally representative sample of U.S. adults to document the overall trust level across media platforms and how usage and trust vary across key platform dimensions.

The second project, *"From Feedback to Action: The Influence of Online Reviews on Product Updates" (with Su Wang)*, examines the impact of online reviews on product quality, measured by developer updating decisions in the PC gaming industry. Using a novel dataset scraped from the largest digital marketplaces of PC games, we find that developers strategically time updates when their games are closer to an upgrade in review category. This study highlights the role of consumer feedback and platform aggregation of consumer signals in shaping the evolution of digital products and provides empirical evidence on how firms respond to online reviews through substantial quality adjustments.

The third project, *"Promotions and Dynamic Quality"*, is a structural paper studying the welfare implications of promotion designs when product quality is dynamic. Motivated by the increasing number of discount events and the prevalence of products that exhibit dynamic qualities, I first document the short-run impacts of discounts, product updates, and the combination of discounts and updates. I then construct structural models with forward-looking consumers anticipating future price changes and firms choosing discount decisions and update decisions. Using the model estimates, I plan to simulate counterfactuals of different promotion designs and investigate how promotions affect quality investment and consumer welfare.

I am eager to participate in the tutorial meeting in February 2026, as my research interests align closely with the program's emphasis. Attending would provide an invaluable opportunity to advance my knowledge frontier, receive feedback, and network with peers studying similar questions. I hope to contribute fresh empirical insights from digital platforms to enrich the dialogue and foster collaborative advancements in the field. Thank you for considering my application.

Committee Members

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