

Carlos Fernández-Loría is a doctoral candidate in Information Systems at the NYU Stern School of Business and is expected to start a position as an Assistant Professor at the HKUST School of Business in August 2021. His research broadly focuses on the development of systems that use predictive modeling and causal inference to make intervention decisions. In his multi-paper dissertation, Carlos examines machine learning models that are useful for making intervention decisions despite being unsuitable for estimating the causal impact of the interventions. This work has important implications for firms because acquiring data to estimate causal impact accurately is complicated and expensive, and results may be greatly improved by modeling intervention decisions rather than causal effects. Carlos has also conducted work studying referral behavior in the ride-sharing industry and the interpretability of data-driven decisions made by AI systems.