Aidan Carr

Federal Reserve Board
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EDUCATION

Trinity University, San Antonio, TX   2018–2022
B.A. *summa cum laude*, Economics and Mathematics, Minor in Philosophy

RESEARCH ASSISTANTSHIP

Federal Reserve Board of Governors, Washington, DC   2022–present
Payment System Studies

SCHOLARSHIPS AND AWARDS

Walter Adams Prize for Excellence in Economics (top senior economics major)   2022
Hemlock Award (top undergraduate philosophy essay)   2022
Joe C. Ashby Achievement Award (top junior economics major)   2020
Trinity University Scholar (top 15 undergraduate in the class)   2019, 2021
Murchison Scholarship   2018–2022

WORKING PAPERS

"Experimentation with Varying Innovation Protection and Market Power"

RELEVANT COURSEWORK

Economics: Adv. Micro Theory, Game Theory, Econometrics, Int. Micro, Int. Macro
Math: Calc. I-III, Linear Algebra, Probability Theory, Math Stats, Real Analysis I-II,
Stochastic Processes, Topology, Grad. Measure Theory, Grad. Stochastic Processes

RESEARCH EXPERIENCE

Federal Reserve Board

"Distributed Ledgers and Digital Assets" (by Jean Flemming and David E. Rappoport)
- The paper demonstrates why double spending makes trading digital assets difficult. It then
  explores both centralized and decentralized solutions to this problem. I completed a review
  of related literature and helped craft and edit proofs for the paper.

"Nurse Practitioners as Complements and Substitutes to Primary Care Physicians" (by
Elena Falcettoni)
- The paper analyzes whether nurse practitioners act as complements or substitutes based on
  their level of independence, which varies state-by-state. I collected, cleaned, and merged the
  data, producing a panel with several million observations for analysis.

Undergraduate

"Competition and Innovation: When Adding Firms Helps and When it Hurts"
- The paper presents a model in which returns to innovation are uncertain. The main finding is that competition improves the best innovation whenever returns are less certain, whereas it hurts the best innovation whenever returns are more certain.

"Are Movies Getting Worse?"
- I use a logit model to identify characteristics of movies significantly associated with Oscar best-picture nominees. I then demonstrate that the frequency and budgets for movies with these characteristics has significantly decreased over time.

"Looking For Evidence of Discrimination in NFL Head Coach Hiring"
- If minority head coach candidates are discriminated against, then by Becker's theory of discrimination, the ones that are hired should be more productive than their white counterparts. I fail to find evidence of such an effect. I explore the head coach pipeline as an alternative cause of the dearth of minority head coaches.

SKILLS

R(Advanced), Python(Intermediate), Stata(Intermediate), SQL(Intermediate), LaTeX

UNIVERSITY SERVICE

Residential Assistant(2019-22), Academic Honor Council(2019-22), Math Tutor(2020-22)