Wyatt D. Harris

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PROFILE

Triple-major undergraduate (Economics, Applied Mathematics, Computer Science) with a 3.96 GPA and first-author publication in economics. Experienced in econometric modeling, software development, and machine learning. Proven success in developing predictive tools and conducting cross-disciplinary research using R, Python, and Stata.

EDUCATION

Loyola University Chicago, Chicago, Illinois
Anticipated Bachelor of Science in Computer Science, Applied Math
Bachelor of Arts in Economics
GPA: 3.96/4
Honors: Dean's List (4 semesters)
Anticipated Graduation: May 2026

EXPERIENCE

Loyola University Chicago – Department of Economics, Chicago, Illinois
Research Assistant   January 2024 - Present

- First author of a research paper performing economic valuation of natural resources
- Use advanced non-market, revealed preference valuation techniques to assist in policy decisions regarding national park changes and additions
- Develop demand models from survey data using tourism and visitor cost data
- Use advanced data analysis tools in Excel and Stata code to perform Poisson regressions, Wald tests, and data visualization to model demand and homoskedasticity

Loyola University Chicago – Department of Computer Science, Chicago, Illinois
Intern   April 2025 - Present

- Develop predictive models of high-risk housing foreclosures through public court and tax data
- Extract structured property and delinquency details from legal documents using LLaMA-based NLP
- Develop proprietary valuation software using Python

Loyola University Chicago – Department of Data Science, Chicago, Illinois
Researcher   April 2025 - Present

- Develop weighted logistic regression models to predict the chances of rare events like disease outbreaks and stock market crashes using R
- Verify effectiveness of penalized regression techniques for various simulated and real data

PlayWell TEKnologies, Chicago, Illinois
STEM Instructor   January 2024 - December 2024

- Taught engineering and STEM concepts to children with the aid of LEGO
- Lead and coordinated classroom sites

Sirius Wealth Management, Town and Country, Missouri
Intern   Summer 2021

- Gained market insight in both financial advising and market trading
- Formed basic analyses on major stocks and indexes

PUBLICATIONS

Harris, W., R.T. Melstrom, L. Chakraborti, and C. Zajchowski. Submitted. Temporal Variation in the Economic Value of Visitation at Monocacy National Battlefield. *Journal of Cultural Economics*.

Leadership & Volunteering

Debate Club, Chicago, Illinois

- Compete in and judge tournaments and perform background topic research

Your Words STL, St. Louis, Missouri

- Mathematics tutor for impoverished St. Louis youths

SKILLS

C, R, Java, Stata, Python, Machine Learning, Web Scraping, Microsoft Excel, Research, Predictive Modeling

INTERESTS

Music, strategy games, philosophy