

Macy Monical

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EDUCATION

University of Missouri, Columbia, MO

Bachelor of Science in Quantitative Economics, Statistics, and Mathematics, Minor in Business, Certificate of Honors
Expected Graduation: May 2027 | 4.0 GPA | Stamps Scholar | Economics Department Scholar Award Winner | Dean's List

RELEVANT COURSEWORK

Economics of Education | Analyzed the market for educational services and education policy using economic theory

Social Justice for Educational Leaders | Analyzed distribution of resources and methods of promoting educational equity

Applied Statistical Models 1 | Developed and interpreted complex statistical models using R-studio software

Intermediate Macroeconomics | Examined the structure and performance of economic systems and government policy

RECENT WORK EXPERIENCE

Education and Management Intern - City of Refuge, Columbia MO

Fall 2023 – Present

- Manage, collect, and file student data using Microsoft Excel
- Develop inclusive curriculum for a preschool program supporting and educating refugee children from 30 countries
- Facilitate childcare programming and basic needs services for over 8,000 refugees in the Columbia, Missouri area

Co-Teacher - Maine Township District 207, Park Ridge IL

Summers 2021, 2022, 2023

- Analyzed 60+ second grade students' abilities through daily group and individual academic games and assessments
- Designed individualized activities to provide one-on-one support to students showing signs of developmental delays to prepare them for the upcoming school year

Barista – Off the Wall Café, Park Ridge IL

Summer 2024 - Present

- Provide exceptional customer service in a fast-paced environment, handcrafting consistently high-quality beverages to ensure positive customer experience
- Collaborate with and train other baristas to troubleshoot operations and promote positive customer relationships

RESEARCH/ANALYST EXPERIENCE

Educational Economics of Chicago Public Schools – University of Missouri, Columbia, MO

Summer 2025 – Present

- Designing a research question and study, federally funded by the National Science Foundation
- Compiling, cleaning, and analyzing administrative data across 50+ data sets from 644 Chicago Public Schools serving 320,000+ students to examine the complex relationship between socioeconomic status and student attendance

Missouri Education Equity Project – University of Missouri, Columbia, MO

Fall 2023 – Spring 2024

- Collaborated with 30+ district personnel and community members in three rural Missouri school districts to identify issues of inequality of resources and achievement between their students and inform districts' equity initiatives
- Investigated racial background and family income as predictive variables for performance on Missouri Assessment Program exams for 400+ elementary age students

2024 Data Fest Mizzou – Best in Statistical Analysis First Runner Up

Spring 2024

- Collaborated with my team to analyze raw data from the education technology company CourseKata and derive meaningful recommendations to improve their product over the course of a 48-hour competition
- Presented our findings, recommendations, and methods of statistical analysis to a panel of judges; received the first runner up prize for Best in Statistical Analysis over 20 competing teams

EXTRACURRICULAR INVOLVEMENT

Secretary for Undergraduate Women in Economics | Connect 100+ women studying economics with resources, and opportunities to further our professional and academic growth, such as our annual participation St. Louis Fed Women in Economics Symposium

Treasurer for Comedy Wars – University of Missouri Improv Team | Manage and produce weekly content for the team's social media platforms, coordinate fundraisers to afford travel to out of state conferences, and perform weekly, hour-long improvised sets on campus

Kappa Alpha Theta – Alpha Mu Chapter | Fundraise over \$20,000 per academic year to support foster children through Heart of Missouri CASA (Court Appointed Specialized Advocates)

Engineering Revue – University of Sydney, Australia | Collaborated with students at the University of Sydney to write and perform a two-hour, comedy and mixed media showcase during my semester studying abroad