

# Charles Ancel

Chicago, IL, 60611 • 312.307.7780 • charlesjancel@gmail.com • My LinkedIn

## Objective

Aspiring Research Assistant with strong quantitative and analytical skills, seeking to contribute to economic research and policy analysis. Proficient in Python, R, SQL, and Excel, with hands-on experience in econometric modeling, data management, and statistical analysis.

## Education

### B.Sc. in Mathematics, Minor in Economics

University of Illinois, Urbana-Champaign

**Graduation: May 2024**

Relevant Coursework:

- Econometrics, Statistical Modeling
- Macroeconomic Policy, Game Theory
- Advanced Probability, Real Analysis

## Relevant Projects

### Monetary Policy Impact Analysis Using VAR Model

Personal Project

**2023**

- Developed a Vector Autoregression (VAR) model to analyze the impact of changes in the federal funds rate on inflation, GDP, and unemployment.
- Conducted scenario analysis to simulate policy changes, providing insights into economic outcomes relevant to monetary policy decisions.
- Utilized Python and R for data management, statistical analysis, and visualization of results, demonstrating strong quantitative and technical skills.

### Floral Arrangement Data Analysis

Personal Project

**2022**

- Analyzed SKU profitability using statistical models to identify key performance drivers and recommend pricing adjustments.
- Created data visualizations to present findings effectively, enhancing decision-making in marketing and procurement.

### College Football Game Data Analysis

Personal Project

**2021**

- Used regression analysis to evaluate performance trends and predict game outcomes, applying statistical methods in a real-world context.
- Demonstrated ability to work with large datasets, perform detailed analysis, and communicate insights clearly.

## Work Experience

### Photo Studio and Design Assistant

FTD LLC, Downers Grove, IL

**Jan - Aug 2021, May - Aug 2022**

- Managed data tracking and validation for product pricing, applying statistical techniques to improve financial outcomes.
- Developed Excel-based reports and conducted analysis to support pricing strategy adjustments, showcasing attention to detail and analytical skills.

### Logistics Coordinator

Tournament of Roses: Rose Parade, Pasadena, CA

**Dec 2022 - Jan 2023, Dec 2023 - Jan 2024**

- Coordinated logistics and resource allocation, utilizing data-driven decisions to enhance project efficiency by 20%.
- Led volunteer teams in high-pressure environments, demonstrating strong organizational and communication skills.

## Skills

- Statistical Analysis (R, Python, Excel)
- Data Management and SQL
- Econometric Modeling and Forecasting
- Data Visualization (Tableau, Matplotlib)
- Report Writing and Analytical Reporting
- Research and Economic Analysis