

# Charles Ancel

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## Objective

Recent Mathematics graduate with a minor in Economics and strong expertise in data analysis, seeking an Analyst role in financial services and insurance. Experienced in econometrics, statistical modeling, and delivering data-driven insights with a focus on producing client-ready reports and managing complex projects. Actively researching trends in asset management and insurance markets.

## Education

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

University of Illinois, Urbana-Champaign

**Graduation: May 2024**

Relevant Coursework:

- Methods of Applied Statistics, Theory of Interest
- Game Theory, Macroeconomic Policy
- Intermediate Abstract Algebra, Real Analysis

## Selected Projects

### Monetary Policy Impact Analysis Using VAR Model

Applied VAR model to assess the impact of monetary policy on inflation, GDP, and unemployment using Federal Reserve data. Conducted scenario analysis simulating interest rate impacts, producing Impulse Response Functions to visualize economic effects and assess risks relevant to insurance markets and asset management. Communicated complex findings in a clear, concise manner to produce client-ready reports, aligning with project objectives.

### Floral Arrangement Data Analysis (FTD Analyst Work)

Performed data analysis on SKU profitability, generating insights for marketing strategies. Developed visualizations and provided actionable recommendations to enhance margins. Conducted pricing analysis, leading to a 15% increase in SKU profitability and optimized resource allocation for future retail pricing strategies. Developed and presented data-driven recommendations using advanced Excel techniques, enhancing client decision-making processes.

### College Football Game Analysis

Used statistical models to analyze a dataset of college football games, identifying performance trends and predicting game outcomes. Demonstrated predictive modeling skills that can be applied to risk assessment in financial services. Applied statistical modeling to predict outcomes, demonstrating skills applicable to financial risk assessment and market analysis.

## Work Experience

### Photo Studio and Design Assistant

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

FTD LLC, Downers Grove, IL

- Assisted in the design and execution of product photography for retail designs while managing pricing analysis and resource allocation to optimize seasonal workflows.
- Increased SKU profitability by 15% through pricing strategy optimization and trend analysis.
- Developed advanced Excel-based reports to support profitability targets for floral designs.
- Conducted trend analysis and pricing shifts, enabling efficient resource management.

### Logistics Coordinator

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

Tournament of Roses: Rose Parade, Pasadena, CA

- Managed logistics for floral designs, optimizing resource management across teams and ensuring timely execution.
- Directed volunteer teams, coordinating design tasks under strict deadlines, demonstrating adaptability and collaboration.

### Camp Counselor (Leadership Role)

**Summer 2019, Summer 2020**

Camp Eagle Ridge, Mellen, WI

- Created lesson plans and managed activities for children aged 7-17 over a 9-week period, fostering leadership development.
- Led both physical and educational activities, managing groups with diverse needs, demonstrating teamwork and communication skills.
- Collaborated with a team of counselors, ensuring safety and engagement in a variety of programs.

## Skills

- Advanced Proficiency in Microsoft Office (Excel, PowerPoint, Word)
- Financial Data Analysis (Excel, R, Python, SQL)
- Research, Analysis, and Synthesis of Market Data
- Risk Analysis and Statistical Modeling (VAR, Predictive Models)
- Reporting and Creating Client-Ready Presentations
- Market and Industry Research (Insurance, Asset Management, Technology)
- Data Visualization (Tableau, Power BI, Matplotlib)
- Team Collaboration and Project Management
- Strong Written and Verbal Communication Skills
- Problem Solving and Decision-Making Under Ambiguity