

## Skills

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- Excel / Excel VBA (Lookup Functions, Conditional Formatting, PivotTables, What-If Analysis)
- Python (pandas, NumPy, SciPy, sqlite3, Beautiful Soup)
- R (dplyr, tidyr, ggplot2, randomForest, lubridate)
- SQL (aggregation, filtering, modification, retrieval)

## Projects

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### **AUTOMATED MONTHLY TARGET REVIEW** – Burlington Stores June 2023

- Spearheaded the development of an automation tool for conducting monthly target reviews
- Leveraged VBA scripting to streamline the process, enabling analysts to import and analyze three data sources
- Significantly enhanced efficiency, resulting in a 35% increase in overall productivity

### **ALLOCATION ERROR CLASSIFICATION TOOL** – Burlington Stores May 2023

- Collaborated closely with my team lead to develop an innovative tool aimed at assisting the allocation error team in efficiently classifying challenging issues
- Employed advanced Excel logic to construct a robust decision-making framework that accurately classified each allocation error
- Empowered the allocation error team to proactively identify and address potential issues, resulting in preemptive resolution for allocation analysts

### **ADVANCED PARAMETER SIMULATION TOOL** – Burlington Stores January 2023

- Designed and developed an Excel-based simulation tool to replicate our allocation algorithm, providing analysts with a platform to explore and adjust diverse parameters
- Delivered a 20% increase in productivity by significantly reducing the frequency of algorithm runs
- Successfully implemented the tool across the entire department, with over 50 analysts utilizing its capabilities

## Work Experience

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### **ALLOCATION ANALYST** – Burlington Stores – Burlington, NJ August 2022 – October 2023

- Ensured the proper placement of merchandise in stores
- Optimized product mixes through analysis of store inventory levels, demographic information, and other location-specific data
- Resolved allocation issues to achieve timely allocation of merchandise
- Worked closely with cross-functional teams to drive business results and improve overall performance

### **INVESTMENT ANALYST** – Blue Jean Financial Group – Albany, NY July 2021 - July 2022

- Evaluated potential investments by analyzing earnings reports and other financial statements
- Interpreted underlying trends in company performance by parsing various data sources
- Assessed economic conditions to determine an appropriate investment strategy
- Performed technical analysis to identify opportunistic entry points
- Communicated investment strategies by reporting to advisors

## Education

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### **MASTER OF SCIENCE IN ANALYTICS** – Georgia Tech Aug 2026

### **BACHELOR OF ARTS IN ECONOMICS** – Boston College May 2021

Minor in Management & Leadership; Pops Scholarship Recipient; Dean's List First Honors; Dean's List Second Honors