

## EXPERIENCE

### Director, Data & Analytics • The Outloud Group

Apr 2022 - Present

*Acorns, AG1, Chomps, Grubhub, HelloFresh, NerdWallet, Rocket Money, SimpliSafe, Whirlpool*

- Founded and led the analytics department, overseeing all data operations, reporting functions, and strategic initiatives to optimize performance and drive growth
- Directed company-wide data architecture shift from Salesforce to AWS, enabling robust analytics and more accurate forecasting of performance and spend efficiency
- Designed and deployed machine learning models to predict content partnership performance and optimize spend – improving media planning, campaign CPA, and ROAS
- Developed advanced measurement methodologies to estimate incremental consumer activity from non-pixelated media, improving visibility into influencer-driven brand impact
- Built scalable automation and a standardized dashboard suite, cutting reporting time by 90% while delivering real-time interactive insights to account teams, clients, and leadership
- Recruited, managed, and mentored a team of analysts, enhancing workflows, performance, and the adoption of data-driven strategies across the agency

### Analyst, Advanced Analytics • Rakuten Advertising

Sep 2021 - Apr 2022

*Citibank, Goldman Sachs, TD Bank*

- Supported global financial services clients by advising on budget allocation, spend efficiency, and performance optimization in affiliate marketing campaigns
- Enhanced internal analytics capabilities by building automated pipelines and reporting tools, enabling faster and more consistent delivery of performance insights across accounts

### Business Analyst • BW Packaging Systems

Jul 2016 - Aug 2021

*Clorox, Danone, Johnson & Johnson, Kraft Heinz, Mondelēz, Pfizer, Starbucks*

- Championed data-driven decision making in a traditional manufacturing environment, introducing analytics and process automation to improve efficiency and cost visibility
- Built data infrastructure and automation tools (Python, SQL, VBA) to streamline reporting, reduce warranty claim cycle times by 70%, and improve project pricing accuracy
- Developed custom dashboards and analysis frameworks to monitor project progress, uncover cost anomalies, and provide actionable insights for leadership

## PROJECTS

### Baby Bottle Forecast

Jan 2021 - Dec 2023

- Developed a predictive tool to forecast newborn feeding schedules (time and milk quantity)
- Open-sourced on GitHub (45+ stars) and shared on Reddit (1.3k+ upvotes)

### Playlist Bot

Nov 2020

- Built a bot to auto-generate Spotify playlists from Reddit threads using platform APIs
- Bot has been successfully called by users in various subreddits to create 375+ playlists

## EDUCATION

**Master of Science:** Industrial & Systems Engineering • University of Florida

May 2018

**Bachelor of Science:** Mechanical Engineering • University of Florida

May 2015

## SKILLS & TECHNOLOGIES

Python, SQL, AWS, APIs, Git, Tableau, Looker, Google Analytics (GA4), Salesforce, AI/ML, VBA, C