

## SUMMARY

Hands-on technical Data Scientist experienced with implementing ambiguous projects from scratch. I thrive in cross-functional collaboration where quantitative and qualitative angles are combined to get to the heart of user problems. I hope to leverage my broad set of interests at the intersection of data, health, and food to have people feeling their best each day.

## PROFESSIONAL EXPERIENCE

### Grow Therapy

*Lead Data Scientist*

New York, NY

March 2024 - Present

- Lead data scientist on team, leading Growth, SEO, Event Implementation, and Data Science Best Practices.

### DoorDash

*Senior Data Scientist, Pod Tech Lead*

San Francisco, CA

January 2019 – March 2024

- Tech lead for team, onboarding and training team members on data infrastructure pipelines, experimentation tooling, and best practices working with engineering teams. Closely partnered with a broad set of engineering teams to define roadmaps.
- Mentored individual team members in technical best practices, insight communication, and working cross-functionally.
- Led the effort on overhauling internal telemetry standards and event definitions. Worked closely with product owners to define a streamlined information architecture across multiple Merchant apps and subsequent data flow in the new pipeline. Defined and implemented new schemas around raw events and downstream aggregation tables for business reporting.
- Coordinated a multi-team engineering effort around app quality and reliability that involved getting broad org buy-in on key success metrics. Identified tracking and measurement gaps to get the team up to date with industry standard measurements.
- Ran AB/diff-diff experimentation on audiences across product surfaces and collaborated on core experimentation platform. Active member of the internal experimentation council to help surface key experimentation needs of the team and prioritize roadmap for experimentation tooling.
- Utilized user segmentation models to analyze user product behavior, built end-to-end pipeline for live cluster identification, and led research effort with research vendor to affirm clusters identified and broader product pain points.
- Maintained and developed ETL pipelines for static and incremental tables in Snowflake with the use of Python, Databricks, Airflow, Amplitude, and Segment. DRI on maintaining the source of truth for all Merchant product Segment data.
- Automated processes to scale bulk menu updates with custom Python scripts, saving up to a billable hour per menu instance.
- Built user funnel conversion funnels and product conversion funnels for deep dives on user behavior and potential drop offs.
- Developed algorithm for metadata tagging using Keras and Databricks for multiclass classification with deep neural network.
- Defined North Star and adjacent metrics for net new work streams to goal on throughout quarters.
- Collaborated with cross functional partners on long term planning sizing, strategy, and vision documents.
- Set up dashboards for tracking metric progress and experimentation results with Python, Sigma, Tableau, Chartio, Mode.

## SKILLS & TOOLING

Python, R, Spark

SQL

Databricks

Event Telemetry

Machine Learning

A/B Experimentation, DiD, Causal Inference

Dbt, Airflow, Snowflake ETL

Sigma, Tableau, Mode, Looker

## ADDITIONAL EXPERIENCE

- WSET III with Distinction, an advanced sommelier degree specializing in still wines of the world.
- Trained in Michelin restaurants in France and San Francisco as stagiaires in these kitchens.
- Established the operational, investment, and risk control framework for a 50M private placement at JIMUBox Shanghai.
- Drove the development of a pipeline reporting process analyzing key deals for GuarantCo in London, UK.
- Supervised and conducted training for over 300 recruits as a Platoon Sergeant in the Singapore Armed Forces.

## EDUCATION

### NORTHWESTERN UNIVERSITY MCCORMICK SCHOOL OF ENGINEERING

*Master of Science in Analytics*

Evanston, IL

September 2018 – December 2019

### TUFTS UNIVERSITY

*Bachelor of Arts, summa cum laude, Economics*

Boston, MA

September 2014 – February 2018