

Zander Chase

Leveraging data to improve the health of people and the planet

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EXPERIENCE

Unfold Ag — Senior Software Engineer

November 2021 - June 2023

Built custom REST API endpoints to power the backend logic of a web app designed to run breeding experiments for the vertical farming environment.

Owned implementation of data infrastructure and ETL workflows to pull phenotypic, genetic, environmental, and image data into Bigquery.

Collaborated with the plant science team to develop a computer vision pipeline to automate data collection, increasing the training dataset for predictive capabilities.

Meta — Data Engineer

September 2019 - November 2021

Marketplace: Established core data pipelines about product performance.

Conceptualized user funnel metrics to identify drop off points for purchases.

Exceeded expectations in review cycles and was promoted to a new initiative.

Community Incubator: Built out the data foundation and methods for analyzing new product performance. Aided various teams to rapidly test and iterate on versions of their products to determine PMF.

Facebook — Data Engineer, Analytics Intern

June 2018 - August 2018

Messenger: Created a retention and cohort analysis dashboard to measure performance of users over time.

EDUCATION

Brown University, Providence, RI — Computer Science

September 2015 - May 2019

Major GPA: 4.0 - Relevant coursework: Algorithms and Data Structures (TA), Artificial Intelligence, Data Science (TA), CS for Social Good

Brown Data Science - Head of Sponsorship: Organized financial support and logistics for a 250+ person datathon.

Teaching Assistant - Created and taught weekly sessions about material and problem sets to help guide students through various courses.

SKILLS AND LANGUAGES

Python, Go, Typescript, SQL

Airflow, GCP, Postgres, Docker, DBT, Looker

Spanish (fluent) - Study abroad Spain (2012) & Argentina (2017)

VOLUNTEER

Wander Project — Board Member

Helping to empower individuals and organizations to support charitable causes that matter to them through running.

Langchain — Contributor

Contributed to an open source package that is helping developers create applications leveraging large language models.

PROJECTS

Honors Senior Thesis

Built a webscraper to collect millions of tweets from users throughout South America. Used various visualization techniques to examine lexical differences between regions and built a ML classifier to predict a person's demographic.

Strava Chatbot

Leveraged Strava API and Langchain package to pull in a user's run information and provide coaching dialogue using OpenAI models.