

# Zander Chase

Leveraging data to improve the health of people and the planet

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## EXPERIENCE

### Unfold Ag — Data Product Lead

November 2021 - June 2023

Coordinated development of a predictive breeding platform across engineering and plant science teams to inform 200+ varietal experiments.

Scoped and developed a computer vision pipeline to increase phenotypic data collection by 4x, improving the predictive platforms accuracy drastically.

Learned Ph.D. level genetic research concepts to compile a dataset of genetic, phenotypic, environmental, and image data to perform advanced analytics.

Organized effort to visualize and monitor realtime data flow from our research facility IoT devices and present to the team to make informed decisions.

### Meta — Data Engineer

September 2019 - November 2021

*Marketplace:* Guided team in deploying solutions to sell used products that did not receive sufficient impressions by updating core tables.

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 our new 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, Golang, SQL, R

Airflow, DBT, GCP, Tableau, Figma

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 open source package that is helping developers create applications leveraging large language models

## PROJECTS

### Honors Senior Thesis

Compiled a dataset of millions of tweets by web-scraping Twitter of users throughout South America. Using research to examine lexical differences between regions I designed and built a classifier to predict a person's demographic.

### Kelp Finder

Analyzed geospatial data to identify suitable ocean ecosystems for kelp growth on the West Coast of the US. Leveraged NOAA ocean temperature dataset and US coastal Shapefile to identify coastal areas that have had monthly avg temperatures between 5–20 degrees over the past 5 years.