

# Chris Dong

DATA ENGINEER

## CONTACT

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## EDUCATION

**University of San Francisco**

M.S. in Data Science

**UCLA**

B.S. Statistics

## SOFTWARE

Amazon Web Services (AWS)

Databases

Distributed Computing

Data Visualization

Machine Learning

## SOFTWARE

Python	■	■	■	■	■
SQL	■	■	■	■	■
Spark	■	■	■	■	■
Bash	■	■	■	■	■
R	■	■	■	■	■
Tableau	■	■	■	■	■

## PUBLICATION

Chris Dong, Lingzhi Du, Feiran Ji, Zizhen Song, Yuedi Zheng, Paul Intrevado, Diane Woodbridge. Forecasting Smart Meter Energy Usage using Distributed Systems and Machine Learning. The 16th IEEE International Conference on Smart City. 2018.

## EXPERIENCE

### Senior Data Engineer

**Meta / Facebook** Jun 2021 - Present

- Refactor hundreds of data pipelines programatically using Python and shell scripting by building an end-to-end solution that is estimated to save 500+ engineering hours as part of company-wide initiative.
- Implement logging, brainstorm success metrics with XFN, build data pipelines, and create data visualizations for multiple 0:1 products.

### Co-founder & Head of Data

**Peanut Travel Company** Jun 2021 - Present

- Peanut is a Chrome extension featured by Forbes that helps you book better trips by displaying important insights not provided by travel OTAs.
- Spearheaded data efforts spanning data engineering (data ingestion, data cleansing, data warehouse) and data science (ETL dashboard on user adoption, user retention, ads campaign performance).

### Data Science Coach

**Interview Query** Oct 2020 - Present

- Administer practice interviews and conduct training sessions.

### Data Engineer - Data Science

**LinkedIn** Nov 2019 - Jun 2021

- Develop ETL pipeline to monitor, visualize, and quantify impact of COVID-19 spam content (fake news, promotion, etc.) and deliver key insights to leadership team.
- Streamline entire data flow on job seeker sessions to make data available 24 hours earlier, reduce failure rate to 0%, and optimize run-time by half using Spark SQL.
- Collaborate with cross-functional teams (product, data infrastructure and UX) to design, experiment, and drive adoption of new features on LinkedIn Jobs platform.

### Data Analytics Engineer

**Komodo Health** Aug 2018 - Nov 2019

- Rebuilt processing platform from scratch to expedite data querying performance by 2x through Spark optimization and created tooling to support 3x company growth as second team hire.
- Streamlined workflow in Spark, Kubernetes, AWS, and Git.

### Business Intelligence Engineer

**Nextdoor** Oct 2017 - Jun 2018

- Prioritized potential application improvements by building and deploying an ETL pipeline (Python, Spark, Airflow) to automatically classify free-form survey data and net promoter score responses.
- Provided insight into flagged and reported posts on Nextdoor by combining multiple data sources using SQL (Redshift) and visualizing results in Tableau.