

Lily Zhou

Software Engineer

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TOOLS & TECHNOLOGIES

Languages: JavaScript, SQL, HTML/CSS, Python

Technologies: React, Node, Express, Postgres, Git

Analytics: Looker, Chartio, Tableau

PROJECTS

Planr (React, Node, Express, PostgreSQL) | [Github](#) [App](#) [ApiDocs](#)

An event management application that helps people track event information and budget items

- Leveraged React Hooks & Context API to manage event, budget item, and user information
- Utilized RESTful JSON APIs in Express to send data to front end application
- Implemented ability to query Postgres database dynamically using Knex.js

Org Chart (JavaScript, HTML, LESS) | [Github](#) [App](#)

A fully responsive static marketing landing page for a Streamly product

Dunderlist (React, SASS) | [Github](#) [App](#)

A lightweight to-do app built using React class components

EXPERIENCE

Product Analyst

Mar 2018 – Jun 2018

Udemy, Decision Science Team | San Francisco, CA

- Supported course discovery product management teams with ad-hoc analysis—such as tracking website feature usage and analyzing A/B experiments—using SQL and R

Data Analyst

Mar 2017 – Feb 2018

Talkdesk, Product Team | San Francisco, CA

- Implemented ETL pipelines with Data Engineering for major product launch. Transformed event log data into reportable metrics for customer billing and product adoption analytics
- Managed data integration, data modeling, and debugging of analytics software, Looker

Operations Analyst

Jun 2015 – Jul 2016

Instacart, Catalog Team | San Francisco, CA

- Reduced manual data entry costs and turnaround time of store launches by ~40% through automating data cleansing and manipulation of vendor inventory data using Python and SQL
- Improved gross margin per delivery by \$0.45 by developing intelligent catalog pricing algorithm based on shopper data signals
- Launched retailers and managed client relationships for 18 vendors, including Costco and CVS

EDUCATION

Lambda School | San Francisco, CA

May 2019 – present

- Immersive, 7-month full-stack web development program

Northwestern University | Evanston, IL

- Bachelor of Arts in Environmental Sciences; Minor in Global Health Graduated 2014
- Study Abroad, Public Health & Development at Stellenbosch University, South Africa 2013