

Lia Prins

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Experience

Chan Zuckerberg Initiative Senior Data Visualization Designer

Jul 2019 – present

Led the design of CZI's latest science endeavor: a platform with nearly 30k initial active monthly users that equips biologists with machine learning tools leading to scientific breakthroughs.

CZ Hackathon winner; pitched my Data Portraits project to founders Mark Zuckerberg and Priscilla Chan, who advocated for its adoption as part of CZI's annual Offsite event.

Encouraged by the Director of Engineering to undertake an internal 6-month front-end engineering apprenticeship wherein I refined my programming skills and learned CZI engineering processes from a mentor, with the option to transition to the role (I ended up missing the creativity of design, though!).

Designed and built dashboards enabling the Science Grants team to analyze their impact within the scientific community.

IBM Watson Health Data Visualization Design Lead

Jun 2014 – Jul 2019

Designed custom visualizations to communicate AI-generated drug treatment predictions based on over 30 million scientific publications; focused on how to transparently surface the underlying medical literature data backing the predictions; product mentioned in our client Pfizer's annual report for the impact it had.

Selected as the designer for a month-long service project in Morocco through IBM Health Corps, where I co-designed data visualizations with surgeons to improve cancer patients' post-operation survival rates through the analysis of aggregate data.

Designed interfaces and visualizations that allowed pharmaceuticals to more efficiently track adverse reactions to their drugs, identify at-risk populations, and ultimately prevent future harm to patients.

Traveled to London to work with a new client for two months, where I learned about their needs as users, led design-thinking workshops, and presented solutions specific to their requirements.

Founded and led a data vis guild across IBM Watson Health to share learnings and present best practices to other groups within IBM.

Expertise

Speaking

Presented iterations of my 'Sketching for Ideas' talk and workshop, on the benefits of sketching as a means to develop better data vis concepts:

Data Visualization Society's Outlier Conference	MICA's Master of Data Visualization Program: Expert Speaker Series
Austin Design Week	World IA Day

Design

UX + product design	Design systems
Information architecture	Wireframes + prototypes
Interactions + visuals	UX research
Design strategy	Figma, Adobe Suite

Coding + Data

HTML + CSS	API usage
JavaScript + React	Jekyll
d3.js + P5.js libraries	Google Sheets
Python + Seaborn	Tableau

Content

Creative nonfiction writing, blogging	Illustration, diagrams, watercolor
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Education

University of Washington

B Des, Visual Communication Design
graduated Jun 2013

Focused on data vis and interaction design

B A, Interdisciplinary Visual Art
graduated Mar 2009

Secondary focus in Biology
2nd place, Varsity Rowing NCAA championships

Parsons New School of Design

Professional Education Certificate Program
Data Visualization + Information Graphics

Big Nerd Ranch

Explore Machine Learning Bootcamp

New York University via Coursera

Data Visualization Specialization

UC Berkeley Extension Program

Human-centered Data Visualization

Stanford Continuing Education Program

Introduction to Python and Data Visualization Libraries

Statistics for Artificial Intelligence, Machine Learning, and Data Science

Getting Started in Creative Nonfiction