Zach Sherman

I make human-centered digital tools

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github | portfolio

San Francisco

Open Work Labs (July - Nov 2019)

Product Engineer

- used **React** + **Redux** to build three different iterations of a web app to organize and share any GitHub repo's activity

- used **NodeJS**, **web3.js**, **MongoDB** to create a server that used the Ethereum blockchain as a permissions layer for **IPFS** pinning

- used **Figma** to build wireframes and mockups before prototyping in React

- created a website and visual identity for our early-stage startup

University of Chicago (2015-19)

- *GPA:* 3.6 + *Dean's List all four years*

- *Relevant coursework*: Intro to Computer Science I (Scheme) + II (C) , Intro to Rust, Understanding F#, Machine Learning + Images, Data and Algorithm in Art, Virtual Reality Production, Calculus III, Statistical Methods + Applications, Advanced Quantitative Modeling in Biology, Metamedia Design Studio

Reclaim Chicago (2015-19)

Electoral Lead

- coordinated electoral work on- and off-campus, winning numerous victories around the city

- led direct actions that changed political possibilities in IL— the current governor is implementing one of the most progressive agendas of any state gov

- organized for the Fair Elections Ordinance to get corporate money out of Chicago politics

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Professional experience with: HTML/CSS/JS, React+Redux, NodeJS, Jest, Git, Typescript, IPFS, MongoDB, Docker, web3, Figma

Personal experience with: Python, Clojure, Rust, Haskell, C, Elixir/Phoenix, Scheme/Racket, OCaml, ReasonML, F#, C#/Unity, Elm, Svelte/ Sapper, Dat, CRDTs, Webflow, InDesign

Skilled at:

- wearing several different hats (engineer, designer, product, etc.)

- learning quickly: new programming languages, work frameworks, design tools, etc.

Smart Museum

(Oct 2018- June 2019)

- used web and game dev frameworks to create interactive artworks for the web and gallery spaces

- collaborated with other artists to stage a series of networked audiovisual performances (first project listed in link)

Neubauer Collegium

(June - Sep 2018)

- built Python web scraper to construct searchable database of nettime emails

- analyzed archival material from the early internet for B.A. thesis on early internet art