

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), Machine Learning + Images, Data and Algorithm in Art, 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

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

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