

Zach Sherman

EDUCATION

University of Chicago, Chicago, IL

B.A. Latin American Studies, Minor in Media Arts and Design

Thesis: *Campeones de la WWW: net.art's playful politics*

GPA: 3.58 | **Honors:** Dean's list (2015-19), National Merit (2015-19)

Relevant Courses:

Intro to Programming I & II, Statistical Methods, Image + AI, Virtual Reality Production, Data and Algorithm in Art, Computers as Metamedium

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[github](#) | [portfolio](#)

PROJECTS

Techno-viz: Node server + websockets connected to Unity app for interactive concert visuals controlled live by me + audience

Go in Racket: Built working Go game (including GUI) in Racket (typed, functional language) for class project

Text-mom: Built front-end (EJS + HTML + CSS) and back-end (Node, Express, MongoDB) for web app to text my mom emojis

AR Planets: Built app for making your own solar system in AR using Unity and Google ARCore

net.poetry: Built web app for generating poetry from input text using fetch requests + Cognitive Web Search API

SKILLS (<-increasing experience)

Web Development:

Node/Express/mongoDB, REST API, websockets, Three.js, Linux CLI

Programming Languages:

JavaScript, C#, HTML/CSS, Rust, Racket, Python, GLSL, Haskell, R

Version Control:

Git, Subversion

Video Game Engines:

Unity (incl. VR, AR), Godot

Media Production:

Blender, Ableton, MaxMSP, MagicaVoxel, Photoshop, InDesign

TECHNICAL EXPERIENCE

SMART Museum: Artist + Researcher

Chicago, IL (Oct 2018 - present)

- Using full web and videogame development pipelines in concert to create engaging, novel interactive artworks for the web and gallery spaces
- Producing a [series](#) of interactive online and in-person works that evolve over time in response to audience interactions

Neubauer Collegium: Arts Researcher

Chicago, IL (June 2018 - Sep 2018)

- Created Python [web scraper](#) to construct searchable database of nettime emails
- Analyzed listhost archives, artist interviews and essays, contemporaneous articles to situate Latin American net.art within global/regional politics and new media
- [Presented](#) preliminary findings for B.A. thesis at a closing symposium

UChicago Festival of the Arts: Artist

Chicago, IL (Jan 2018 - present)

- Collaborated with other artists to stage a series of audiovisual performances using various combinations of [Unity](#), livecoding [GLSL](#), PureData, Ableton, and a [web-connected](#) audience
- Created virtual and [augmented](#) reality sketches for informal showcase events on campus

COMMUNITY ENGAGEMENT

Cobb Coffee Shop: Events Manager, Barista

Sep 2016 - present

- Organized Coffee Shop Prom, concerts, misc. social events

Reclaim Chicago: Electoral and Environmental Organizer

Oct 2015 - present

- Organized for Fair Elections Ordinance to get corporate money out of Chicago politics
- Coordinated *UChicago Student Action* electoral work, including canvassing, communications, and outreach for national, state, and municipal campaigns