

# 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 (functional), 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 (incl 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 Stack, REST API, websockets, Three.js, React

### Video Game Engines:

Unity (incl. VR, AR), Godot

### Programming Languages:

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

### Media Production:

Blender, Ableton, MaxMSP, MagicaVoxel, Photoshop, InDesign

### Data Analysis/Presentation:

ArcGIS, RStudio, Tensorflow, Tableau

## 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