Zach Sherman

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github | portfolio

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

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)

Misc. Web Development:
Node/Express, mongoDB, REST API, websockets, wasm/wasi, Nginx/Ubuntu

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

Version Control:
Git, Subversion

Video Game Engines:
Unity (incl. VR, AR), Godot, Amethyst

Media Production:
PureData, Blender, Ableton, MaxMSP, 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