# ~~Zach Sherman~~

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**github | shrmn.toys**

## EDUCATION

**University of Chicago, Chicago, IL**
**B.A. Latin American Studies, Minor in Media Arts and Design**
**GPA:** 3.58 **| Honors:** Dean's list (2015-19), National Merit Scholarship (2015-19)
**Relevent Courses:** Intro to Programming (functional), Statistical Methods, Image + AI, Virtual Reality Production, Data and Algorithm in Art, Computers as Metamedium

## SKILLS (<- increasing experience)

**Web Development:** Node/Express/mongoDB Stack, REST API, websockets, Three.js , p5.js, ml5.js
**Video Game Engines:** Unity (incl. VR, AR, Machine Learning Agents), Godot
**Programming Languages:** JavaScript, C#, HTML/CSS, Racket, Python, GLSL, Rust
**Media Production:** Blender, Ableton, MaxMSP, MagicaVoxel, Photoshop, InDesign
**Data Analysis/Presentation:** G Suite, ArcGIS, RStudio, Tensorflow, Tableau

## TECHNICAL EXPERIENCE

**SMART Museum:** Artist + Researcher             *Chicago, IL (Oct 2018 - present)*
- Using full web and videogame developmment 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             *Chicago, IL (Sep 2016 - present)*
- Organized Coffee Shop Prom, concerts, misc. social events

**Reclaim Chicago:** Electoral and Environmental Organizer             *Chicago, IL (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

**Paleo-ecological Excavation:** Excavation Assistant             *Wilmington, IL (July - Aug 2017)*
- Practiced rigorous fieldwork: thorough documentation and measurement, careful excavation

**Cumberland River Compact:** Research Assistant             *Nashville, TN (June - Sep 2016)*
- Developed and presented sustainable development guidelines for Mayor's Livable Nashville Committee