

Oren Shoham

orenshoham.com

oren.avraham.shoham@gmail.com

+1-713-408-9422

Selected Projects

Dirtscrapper, *Collaboration with Peter Burr*

A simulation of an underground structure whose “smart architecture” is overseen by artificial intelligences. I worked as a Unity developer to convert this project from a multi-channel touchscreen-based installation to a single-channel version without interaction.

- Exhibited at Bitforms Gallery in New York, NY from 11/2019 - 1/2020.

DROP CITY, *Collaboration with Peter Burr*

A 7-minute single-channel video art work. A collapsing commune is overtaken by ads and computer desktop trash. Commissioned by Daata Editions.

analmosh, *Collaboration with Matt Romein*

A generative audiovisual installation for a 3-sided projection stage, incorporating optical flow, feedback chains, and glitch techniques to create colorful, dynamic imagery in real time.

- Exhibited at the 2019 Sundance Film Festival’s New Frontier program.

Read To Me, *Collaboration with Maxwell Neely-Cohen*

An experimental poetry reading environment that responded to spoken words with live visuals via Google’s Speech-to-Text API and Unity.

- Developed as part of Neely-Cohen’s 2018 CultureHub residency.

Teaching

Creative Coding, NYU IDM

2019

An undergraduate introductory course on computation as medium for art and design taught in Processing and p5.js.

Experience

Google Summer of Code Participant, *Processing Foundation*

2019

Contributed to p5.js-sound, an open-source Web Audio library for creative coding with sound.

- Added AudioWorklet support, improving the efficiency of custom audio nodes on compatible browsers.
- Updated internal build tools to support ES6 JavaScript features.

Freelance Web Developer

2016 – 2017

Full-stack web development and devops consulting for early-stage startups.

Education

NYU Tisch School of the Arts

2017 – 2019

M.P.S. in Interactive Telecommunications (ITP)

The School for Poetic Computation

2016 – 2016

Oberlin College

2010 – 2014

B.A. in Computer Science