

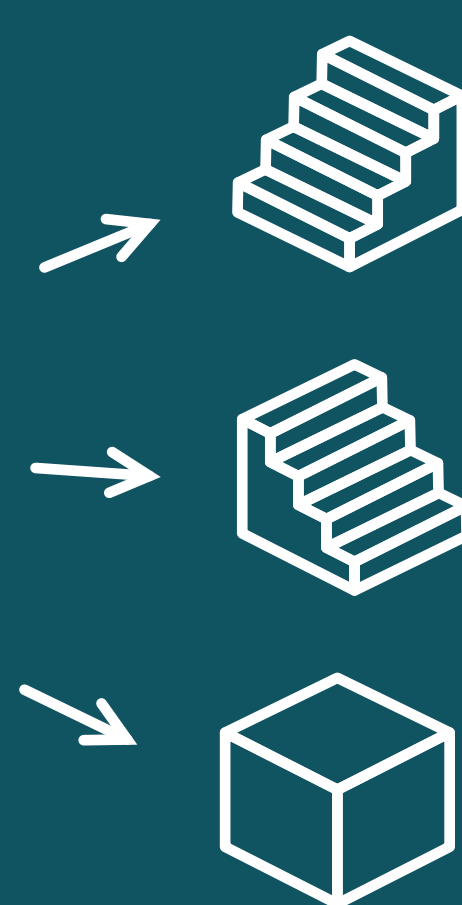
Monuments

Part 1 of 4

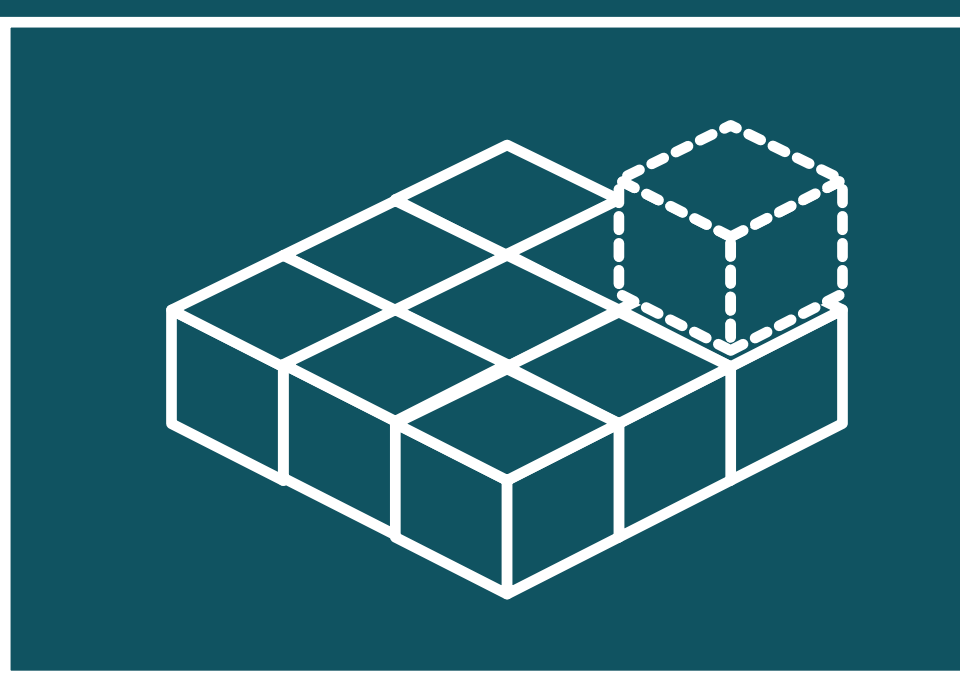
Procedurally-generated design
with custom JavaScript code,
robot-controlled ink on paper

The algorithm in the code contains these steps:

1. Build up the structure Use the Wave
Function Collapse algorithm to place blocks. For each iteration of the algorithm, observe the state of a location, then propagate the changes in possibilities to unobserved locations. Follow aesthetic rules for placement, e.g. a filled in block cannot be above empty space, and stairs cannot be behind a cube. Repeat until every location has been observed.



2. Tear down the top
Pick a random (X, Y) column, then delete the block with the highest Z value in that column. Repeat until some percentage of the structure has been deleted.



Craft Lake City
CELEBRATION OF THE HAND:
EMERGENCE



Scan to learn
more about
the exhibition!

Thank you to our supporters:





ABOUT THE EXHIBITION: "Celebration of the (Robotic) Hand: Emergence" is on view July–September, 2025 and features 14 generative pen-plotter works by local artist and STEM Exhibitor Andrew Jensen. Inspired by the intersection of life and technology, the exhibition traces the evolution of design into living systems. Each piece reflects how lines, code and time converge to build intricate patterns that mirror the growth of thoughts, ecosystems and communities. You can see the plotter in action along with 30+ other STEM Exhibits at the 17th Annual Craft Lake City DIY Festival Presented By Harmon's in the G/Fiber STEM Building this August 8, 9 and 10, 2025. More information about the DIY Fest is available at craftlakecity.com/diy-festival.

ABOUT THE ARTIST: Andrew Jensen is a software engineer and creative technologist. He makes code that makes art. His work explores the fuzzy boundaries that exist between opposites: organic and synthetic, analog and digital, order and chaos, nature and computation.

ABOUT CRAFT LAKE CITY: Founded in 2009 by Angela H. Brown, Executive Editor of SLUG (Salt Lake Underground) Magazine, Craft Lake City® is a 501(c)(3) charitable organization with the mission to educate, promote and inspire local artisans while elevating the creative culture of the Utah arts community through science, technology and art. Craft Lake City strives to further define the term "Craft," by modernizing the definition to include all handmade works of art.
@craftlakecity craftlakecity.com

ABOUT CELEBRATION OF THE HAND: Craft Lake City curates this rotating outdoor art exhibition in fourteen metal frames adjacent to the sidewalks in downtown Salt Lake City (located on the north and south sides of Broadway, 300 South, between 200 West and 200 East). Celebration of the Hand installations are open to the public 24 hours a day 7 days a week, and are free of charge.