

HELLO!

## THIS IS OWEN

I AM A CREATIVE AND HAVE HIGHLIGHTED MY DEVELOPMENT THROUGH EXPERIENCE.

### OHIO STATE UNIVERSITY, BACHELOR OF FINE ARTS

- ART & TECHNOLOGY, SPRING 2020 GRADUATE.
- EDUCATED IN DIGITAL ART, SCULPTURE, AND PRACTICAL MATERIAL APPLICATIONS.
- 3D PRINT LAB FOR PROJECTS INCLUDING "ASSEMBLY FLOWER" AND "BLOBJECT" \*
- ARDUINO LAB FOR ROBOTICS AND PROGRAMMING PROJECTS "DRUM MOD" AND "AZER" \*
- ADDITIONAL SEMESTERS AT KNOWLTEN SCHOOL OF ARCHITECTURE AND SHERMEN STUDIO ARTS.

### RAPID PROTOTYPE QUALITY ASSURANCE, LAIKA

- PROCESS 3D PRINTED POLYJET PARTS FOR STOP MOTION FILM.
- DELIVER CAMERA READY PUPPET FACES WITH 12 WEEK TRAINING OF MULTI STEP PROCESS.
- WORK-FOCUS BALANCES EFFICIENCY/ERGONOMINC STANDARDS AND INVENTION OF TOOLS.

### SPRAYBOT OPERATOR AND VACUUM FORMING, LAIKA

- 1 YEAR USE OF WINDOWS PC AND ULTRASPRAY™ FLUID ROBOT GRAPHICAL USER INTERFACE.
- CREATED COMMA SEPERATED VALUE DATA FOR APPLYING SPRAYED MATERIAL ONTO 3D PRINTED PARTS.
- DESIGNED CAD PROTOTYPES AND 3D PRINTED ATTACHMENTS FOR THE SPRAYBOT.
- VACUUM FORM TRAINING BY MODEL SHOP FOR CUSTOM PART DESIGNED DIGITALLY.

### EXPLORATION

- ANIMATING AND EXPLORING RIGGING WITH SCULPTED TREE PROP. \*
- WELDING WITH TORCH AND FILLER ON DATSUN PICKUP TRUCK SUSPENSION.

projects pictured on second page of PDF \*

owen.reza@outlook.com

owenreza.com



3D model designed around real wood cube



### Blobject



Assembly Flower

21 interconnecting parts  
CAD model, 3D printer.



Drum Mod

Potentiometers distort audio waves  
played with Arduino sound library



An organic shape  
grafted with servo motors  
taught to crawl using Arduino

Azer



PROGRESSION OF DESIGN  
TEMPLATES TO FINAL FORM.



TREE PROP WITH RIGGING TREE GROWTH