

I am an industrial designer working to redefine and repair our systems of extraction and production through waste-based research, experimentation, and making.

EMPLOYMENT

THE NEW SCHOOL, New York, NY

Graduate Research Assistant February 2022-Present

Professor John Roach,

-Prototyping and fabricating metal elements for artwork; developing a steel oxidation method, aluminum milling, designing and welding display/mounting brackets

Professors Yu Nong Khew and Dr. Arta Yazdanseta,

-Explored material properties of mycelium for textile composites and 3D printing applications

Undergraduate Teaching Assistant January-June 2022

Interior and Product Design Interdisciplinary Studio,

-Gave feedback to students throughout their project development

-Led demonstrations in sustainable material exploration and CAD modeling

-Managed attendance and online course tools

DEMIURGE LLC, Denver, CO

Metal Fabricator August 2020-July 2022

-Built and assembled parts for large-scale sculptures using CAD models in various materials: mild and stainless steel, aluminum and glass. Involved metal preparation, welding, and finishing

DENVER CENTER FOR THE PERFORMING ARTS, Denver, CO

Scenic Technician July 2017-March 2020

-Built scenery from CAD drawings and models using various materials: wood, steel, aluminum, foam, plastics, in 12 productions each season

-Work involved metal preparation, layout, MIG/TIG welding, automation, carpentry and finishing

OREGON SHAKESPEARE FESTIVAL, Ashland, OR

Carpenter December 2015-July 2017

-Worked in the metal and machine shops: interpreting CAD drawings, prepping, fabricating, laying out, and welding scenery for 11 shows each season

EDUCATION

Parsons School For Design at the New School, New York, NY Expected May 2023

MFA Industrial Design

Cornell University, College of Arts and Sciences, Ithaca NY Graduated 2014

BA Performing and Media Arts, concentration Scenic Design

Minor in Design and Environmental Analysis

SKILLS AND TRAINING

Software

Rhino, Grasshopper, Vectorworks, Fusion,

AdobeCC, CAM-Aspire and Fusion

Metal fabrication

Woodworking

Theatrical Automation

pneumatics, hydraulics

Ceramics

Furniture upholstery

Industrial Hygiene seminars with Arts,

Crafts, and Theatre Safety

Southern Oregon OSHA conference 2016