

Julien Sat-Vollhardt

Mechanical Design

P: 510.816.5822 E: jusatv@gmail.com

EDUCATION

CARNEGIE MELLON

BFA Drama - Technical Direction
May 2020

OBJECTIVE

In my personal and professional life, I am a deeply curious person. Design, for me, is an opportunity to explore and harness this curiosity to create. The possibilities and inherent novelty of design drive me to better myself and my understanding of the world.

SOFTWARE

Tait Navigator
AutoCAD 2D & 3D
Fusion 360
Python Programming
Mastercam 2018
Microsoft Office
Arduino

EXPERIENCE

CMU - CARNEGIE SCENIC STUDIOS

Automation Designer — 2019

Designed a 3-axis cable driven automation system whose scope included integrating custom wagons with a flown unit, using stock machinery controlled by Navigator software.

Job Lead — 2018-2020

Managed fabrication of the scenic elements of three shows of increasing complexity and scale, effectively coordinating crews of different skill levels and experience, and collaborating with other departments.

Detailer — 2018-2020

Created technical designs and plated drawings for traditional theatrical scenery as well as custom scenic elements including engineering analysis of an overhanging platform.

SKILLS

Theatrical Machine Design
Wood and Steel Beam Design
Traditional Theatrical Scenery
TIG / MIG Welding
Aluminum / Steel Machining
Laser Cutting / 3d Printing

WILLIAMSTOWN THEATRE FESTIVAL

Technical Direction Intern — Summer 2018

Worked on both mainstage and studio shows as a technical designer, estimator, purchasing agent, carpenter, and technical director for a small studio show.

TRIVIA

CM Chain Hoist Technician
Fluent in French
Strandbeest Aficionado

CALIFORNIA SHAKESPEARE THEATRE

Carpenter — 2017-2019

Built traditional theatrical scenery including tracked and mechanized units.

REFERENCES

Steven Schmidt
sschmidt@calshakes.org
Technical Director
Cal Shakespeare Theatre

Jen Seleznow
jen.seleznow@gmail.com
Technical Director
Williamstown Theatre Fest

Kevin Hines
hines@andrew.cmu.edu
Professor, Technical Direction
CMU School of Drama