

Elijah Frankle

Portfolio: **ElijahFrankle.com**

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805-990-0805

EDUCATION

Moorpark College

AS **Engineering** (*in progress*)

University of California Santa Barbara

BS **Computer Science**

Minors in **Theatre Design**
and **Media Arts**

University High Honors

SKILLS

Design

ETC Eos, grandMA3

QLab, Madmapper, Max/MSP

Isadora, TouchDesigner

Adobe Suite (Photoshop,
After Effects, Illustrator)

Lightwright, Capture

Unity (2D + 3D)

Microsoft & Google Suites

Fabrication

Vectorworks, AutoCAD

Blender, Fusion 360

3D Printing, Laser cutting

Basic electronics + soldering

Software

C++/C#, Java (Processing)

Python, Javascript

HTML, CSS

Pascal (Vectorscript)

PROFILE

Expanding the intersection of design and technology to create more immersive, interactive, and innovative experiences.

WORK EXPERIENCE

R&D INTERN - ADVANCED TECHNOLOGY INITIATIVES |

Universal Creative | *Spring 2025*

Developed interactive technology for themed entertainment with 3D modeling, game development software, digital media, projection, and electronics. Supported implementation of attraction-related systems. Augmented Experience Platform team.

ELECTRICIAN | UCSB Department of Theater and Dance |

Fall 2022 - Fall 2024

Hung, cabled, focused, and cleaned lighting and projection fixtures, programmed and operated Eos consoles (Ion, Element) and QLab, organized equipment inventory.

PROJECTION PROGRAMMER | Galerie XII | *Summer 2024*

Projection mapped gallery walls, cued video installation and live performance in QLab, edited media to optimize visual quality.

LIGHTING INTERN | LA Opera | *Summer 2023*

Rebuilt and maintained light plot in Vectorworks, managed paperwork in Lightwright, created documentation including focus charts and magic sheets for moving light fixtures.

RESEARCH ASSISTANT - DATA VISUALIZATION | UCSB Global Media Technologies and Cultures Lab | *Fall 2023*

Explored intuitive ways to experience data through interactive media.

ART & DESIGN (*Selected Credits*)

Assoc. Lighting Designer - *Cymbeline*, Antaeus Theatre Company 2025

Projection Designer - *Indecent*, UCSB 2025

Projection Designer - *Starmites*, California Lutheran University 2024

Assoc. Lighting Designer - *Everybody's Favorite Mothers*, UCSB 2024

Sculpture & Video - Santa Barbara Center for Art, Science, and Technology 2023

Lighting Assistant - *Our Dear Dead Drug Lord*, Kirk Douglas Theater 2023

Interactive Media and Video - UCSB Glass Box Gallery 2023

Lighting Programmer - *Sound and Smoke*, UCSB 2023

Assoc. Lighting Designer - *She Wolf*, UCSB 2023

Lighting & Projection Designer - *Roe*, California Lutheran University 2022

Projection & Pixel Mapping - Fresno State University 2022

Lighting Programmer & Assistant - *Wolf Songs*, Orpheus Project 2022