



Lavender  
Pyszowski

Technical Direction  
& Lighting

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LP



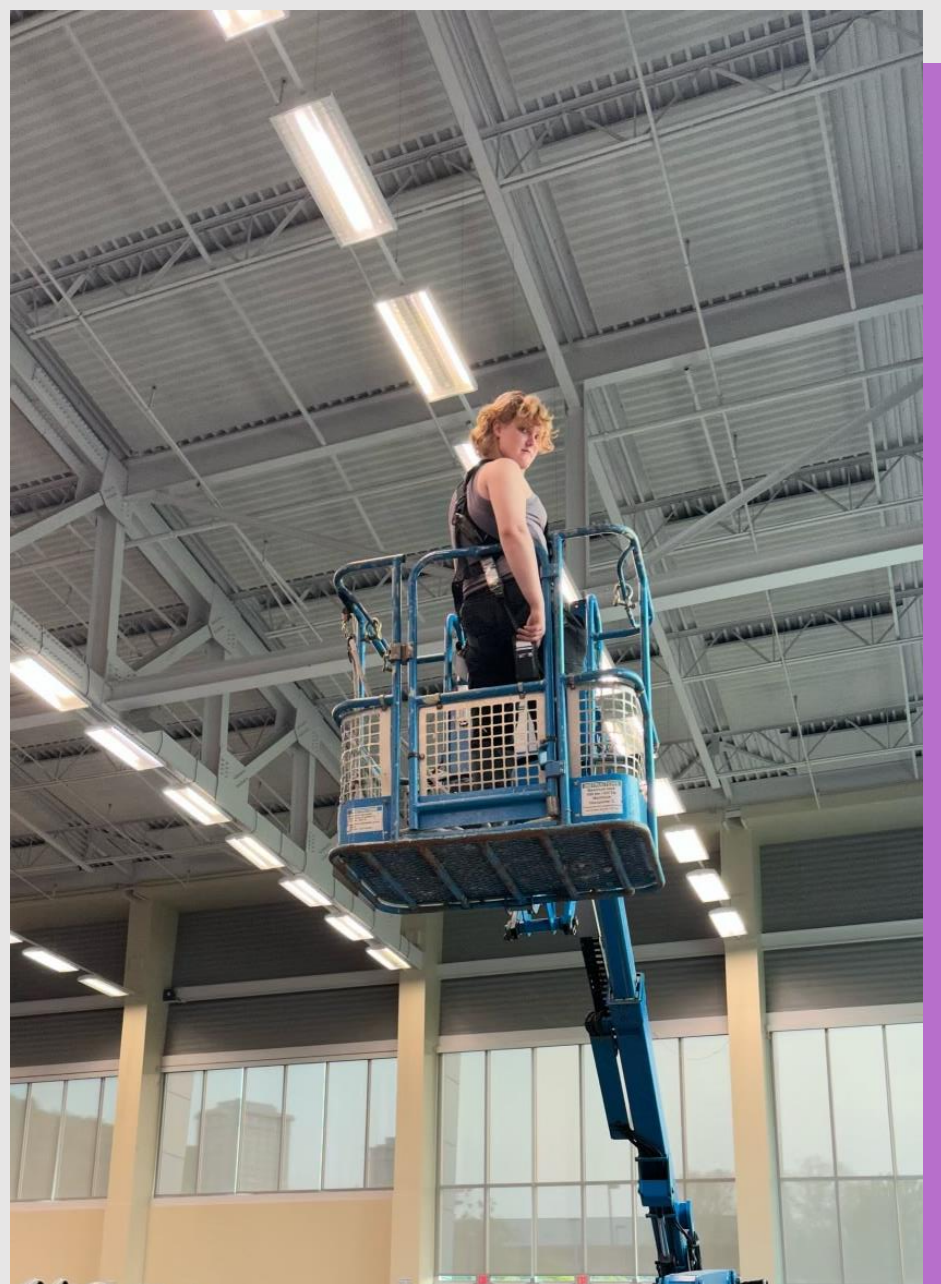
# Bio



My name is Lavender Pyzowski (she/her), and I am a Technical Director, Lighting Electrician, and Lighting Designer currently based out near Boston, Massachusetts, doing work in surrounding areas and in New York City.

Life has been a hell of a rollercoaster yet finding that I enjoyed working with my hands led to my discovery of theatre. I worked in multiple research labs in hospitals before even graduating high school, thinking that would be my future route in life, however when I first found theatrical carpentry it instantly became what I wanted to have in my future.

Having now been working in theatre and event production since 2017, finding that the works I created had impact on those who would come to experience them, I have been fascinated and dedicated to create works that leave an emotional impact, whether good or bad, and amplify that feeling with what I can add to those projects. As I have moved through the last few years of my life, the creation of theatre has been the way to re-express and learn new things about myself, with the last few years helping guide me through my transition. I have come to learn and respect so much of what art can be, and I wish to continue creating more in theatre, focusing on Carpentry, Technical Direction, and Production Management, and doing work outside of theatre in Arena Rigging.





# Technical Direction & Carpentry



*Pas de Trois*



Upcoming Works:

*The Last Days of Judas Iscariot*

Work Sampling:

*Sweat*

*Fun Home*



*Sweat*



*Fun Home*



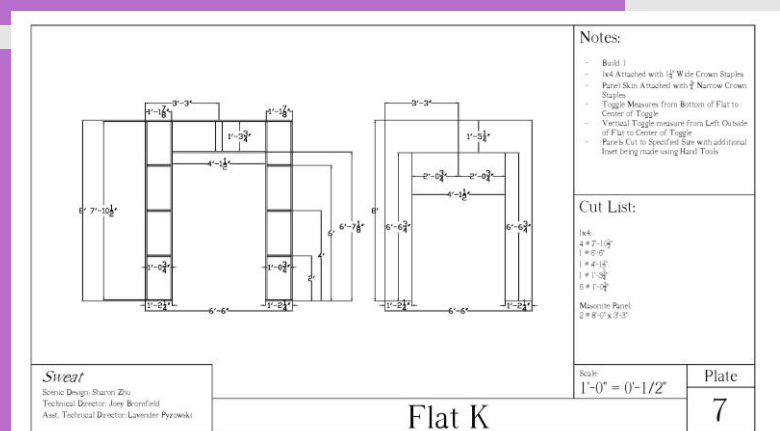
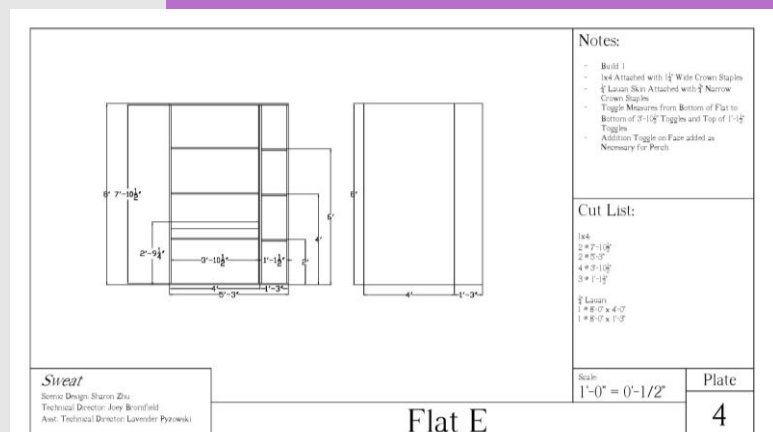
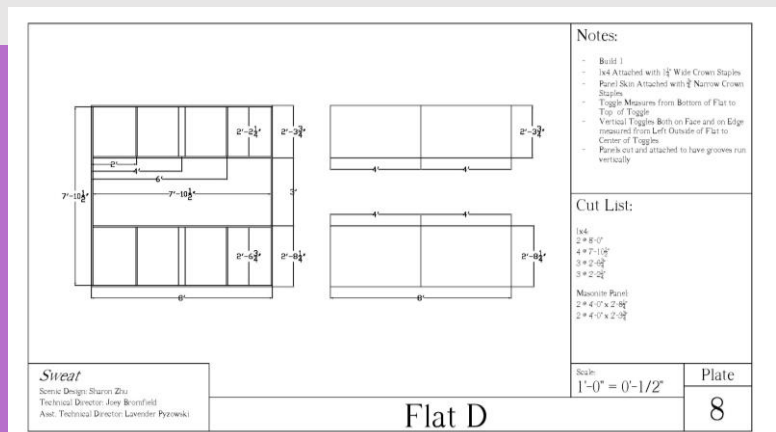


# Sweat



Assistant Technical Director  
Ithaca College, Clark Theatre  
Fall 2022  
Scenic Designer: Sharon Zhu  
Technical Director: Joey Bromfield

For *Sweat*, my role was to be both an Assistant Technical Director, making draftings of the wall and floor units, along with taking the role of a traditional Master Carpenter as there was none, leading the crew daily while trouble shooting problems during build. In addition, assistance was requested for the rig and installation of practicals, so my job also entailed finding proper rigging points and flying setup for the practicals.





# *Fun Home*



Master Carpenter  
Ithaca College, Clark Theatre  
Spring 2022

Scenic Designer: Thomas Jenkeleit  
Technical Director: Dan Hewson

As the Master Carpenter, my role was to lead the crew daily while guiding and helping the carpentry crew through the build process. The building of the large back gable, many specialty platforms, and the large doorway and arch were crew tasks that I lead through the multiple build days. As part of the show, I was Deck Head backstage, managing the backstage crew hands with their scheduling, cue sheets, and assisting with larger set pieces.





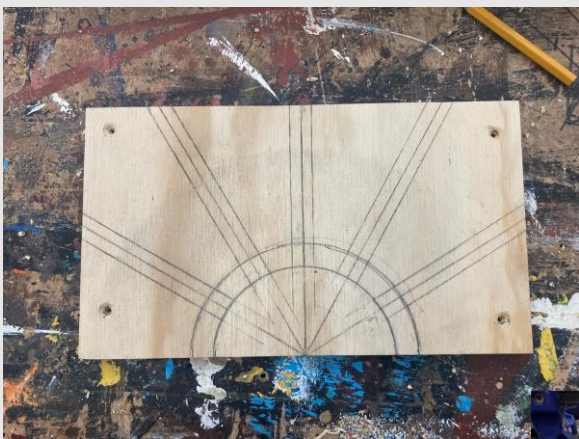
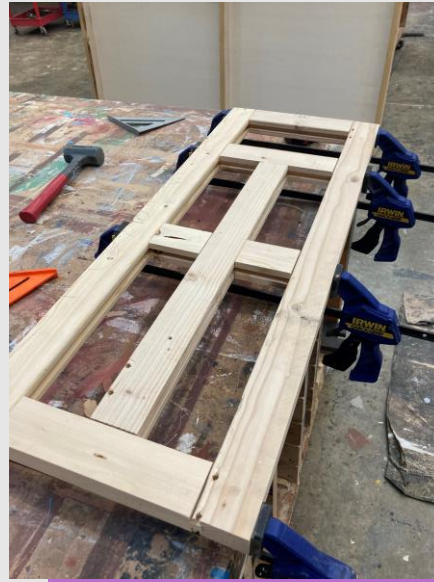
# Project - Half Scale Door

Advanced Scenic Technology  
Spring 2022

For this project, the assignment was to draft up a scaled version of a door, specify our needed lumber, and then build and assemble the door.

For my door, I ended up using the front door of my childhood home, being a panel door with a top window with a 5 fingered mullion arch. For the final product, the goal was to create a single sided, scaled rendition of this door.

To start, once drafted, scaled, and materials were ordered, I began with building the outer and inner frame, using tongues and grooves to connect the framework together.



Using tongue and grooves that were  $\frac{3}{4}$ " was the best joining technique not only to have clean and strong connections, but to also allow for  $\frac{3}{4}$ " plywood to be slotted into the grooves to begin the inside panel inset. The top opening was filled with a piece of acrylic, spaced out to fit the groove perfectly, leaving the window flush with the plywood panels.

Once assembled, the panel openings were routed out to have the rounded inset for the panels. The mullion arch was traced onto another piece of plywood, cut out with a saw, and then attached with tiny machine screws through the acrylic.

To finish the door, small angled lauan panels were glued to the plywood panels to finish the paneled door look.



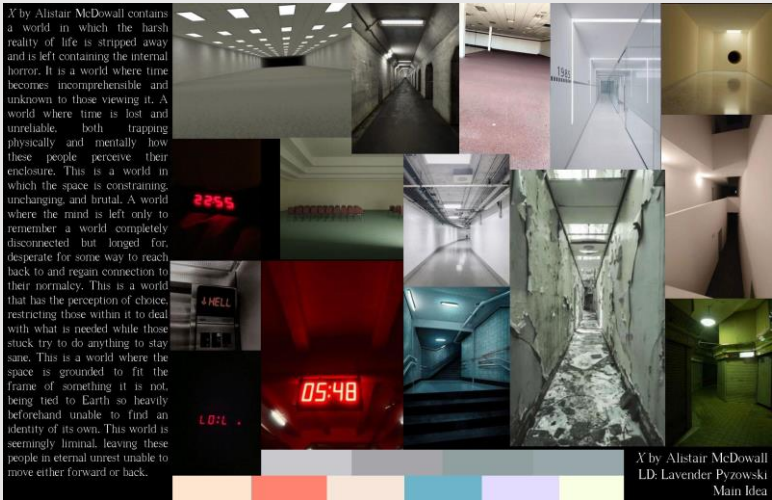
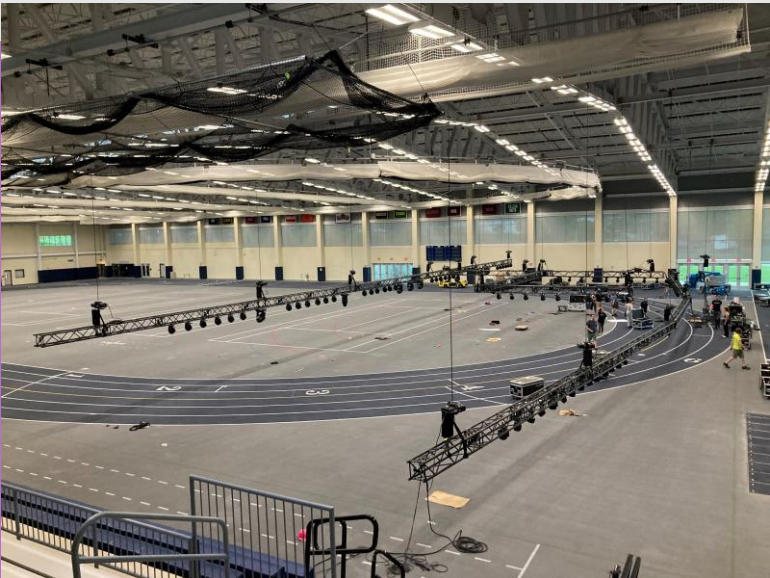
# Lighting Tech & Design



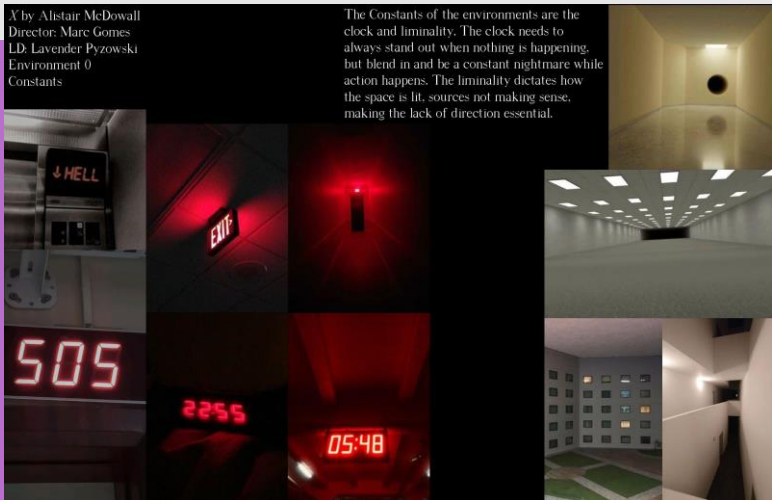
Twelfth Night the Musical



Work Sampling:  
*X*  
*Twelfth Night (Musical)*



*X*  
Early Design Work



Arena Events

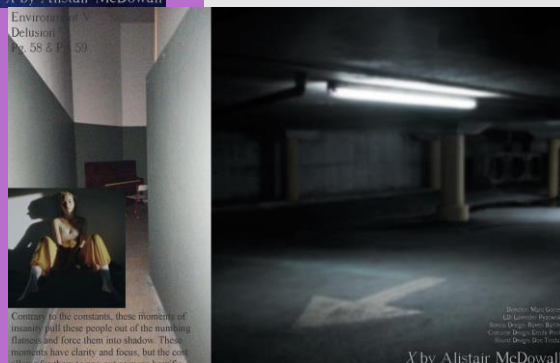
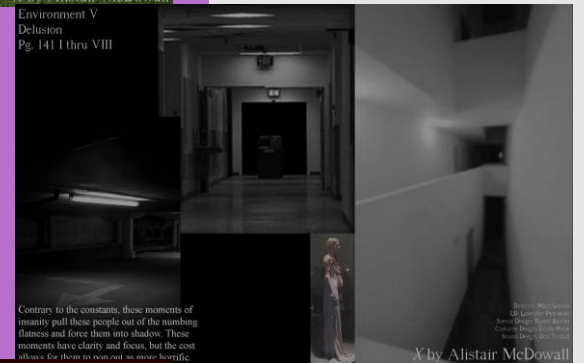
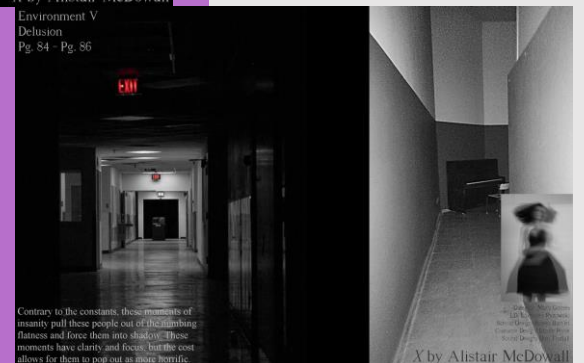




X

Lighting Designer  
Ithaca College, McCarroll Theatre  
Fall 2023  
Director: Marc Gomes

This upcoming work began in the Spring of 2023, having the show currently beginning the rehearsal process. *X* is a psychological horror play, with the world having an unreliable sense of reality due to having nothing for the world of the play to ground itself with. The overall look of the show is dark and disorienting look, having the page-by-page breakdown of the show for the lighting showing a trend of becoming darker and a lot more disgusting overtime.



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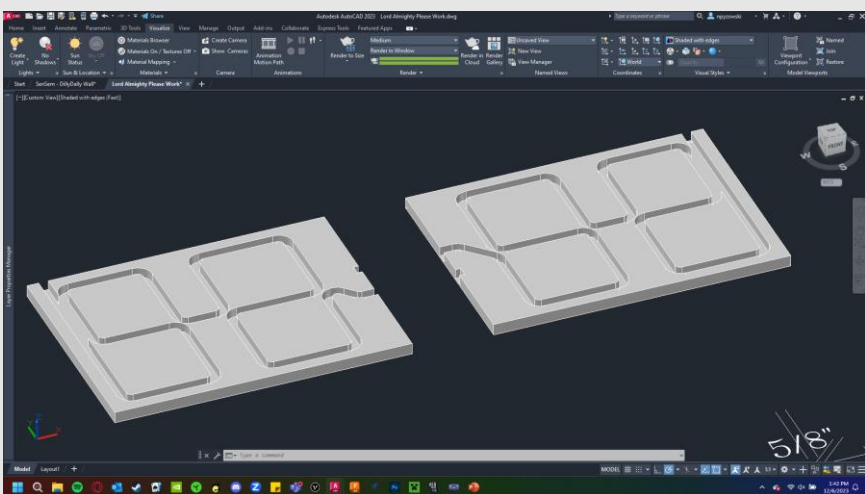
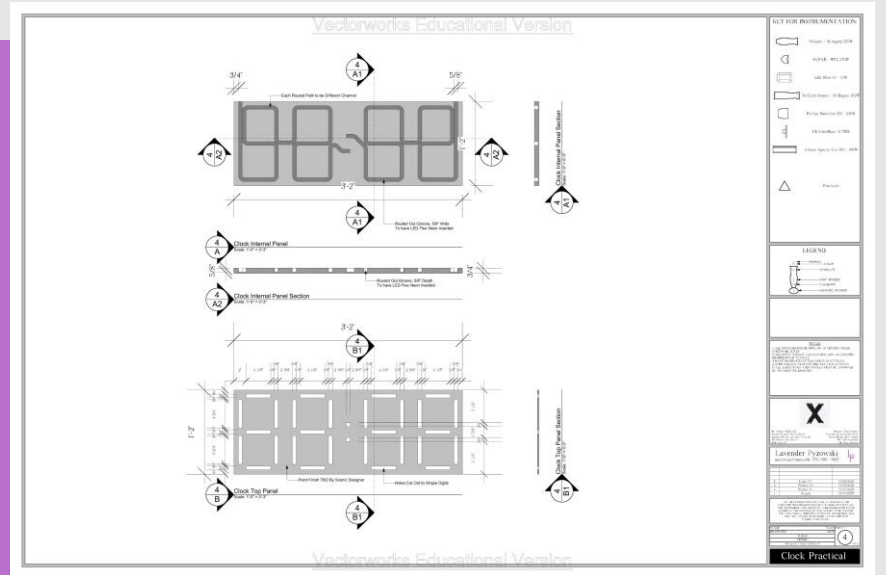
# Project - *X* Clock

Lighting Design

Fall 2023

As part of the show, a digital clock is a heavily utilized piece of the show which we determined was going to be needed for the production. As the show was in traverse and for the sake of sightlines, two clocks were needed, placed above each side of the audience for the other side to view.

Once the size was determined with the scenic designer, Raven Bartlett, it was determined that the best way to make them as large as desired that using LED tape with individual diode control would be both cost effective and controllable by a lighting console to the extent that I wanted for the design.



Once the lighting material was determined, I began to work out how to create the overall look of a digital clock using LED tape inside of side emitting neon diffusion, using the front digit panel as a reference on how to route the tape in a back plate.

Using the 2d Vectorworks drafting of this back plate, it was converted into an AutoCAD file. Using CAD, I built out the model into 3d, detailing the depth of the groove into the piece itself, then broken apart into two segments to be able to routed out on the CNC router in the Ithaca College scene shop as the full piece would have been larger than the working bed of the machine.

Once modeled individually in AutoCAD, the parts were imported into Fusion 360 for production.

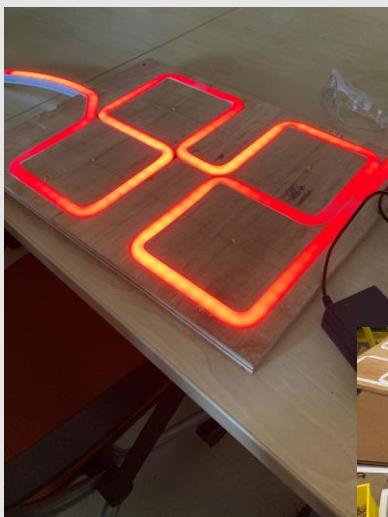
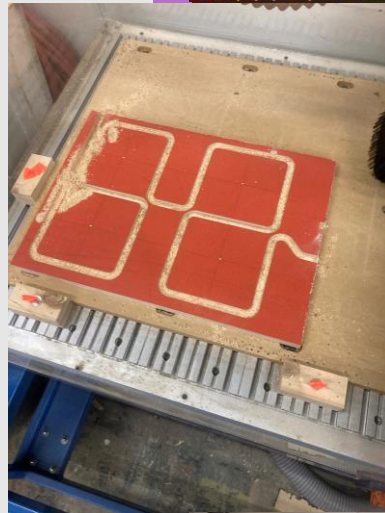
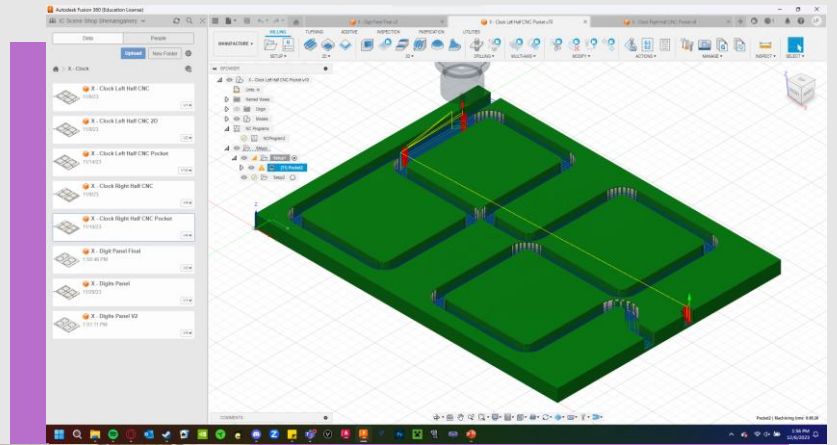


# Project - *X* Clock

In Fusion 360, I aligned the 3d model in the space. Testing different clearing types in Fusion and doing research on clearing speeds and bit types in the software, the file was set up for milling and processed into G-Code.

From that, a separate computer with the ShopBot control software ran the CNC router, first using a routing bit that left the route thin, leaving the channel too thin as well as a problem with the setup that led to the route being shallow.

For a second attempt, changing the bit out to a wider bit and updating the code to have the full depth of the piece cuttable, the route out the 4 pieces one after another.



Once made, the neon LED tape was friction fit into the routed path, left with excess where the path for the neon ended for the two halves to be able to interface and create the full clock.

By attaching the two halves to a back piece, both the electrical hardware for to control and the rigging hardware were added to the back piece. Once rigged and powered, the addition of front plates, routed out using similar settings, allowed for the tape to form the digits of the clock.

Using step-based effects in EOS, the numbers were programmed into time sequences and added into the cues of the show to have the clock run throughout the first act of the show, and have a pseudo broken look during the second act.



# Twelfth Night (Musical)



Production Electrician

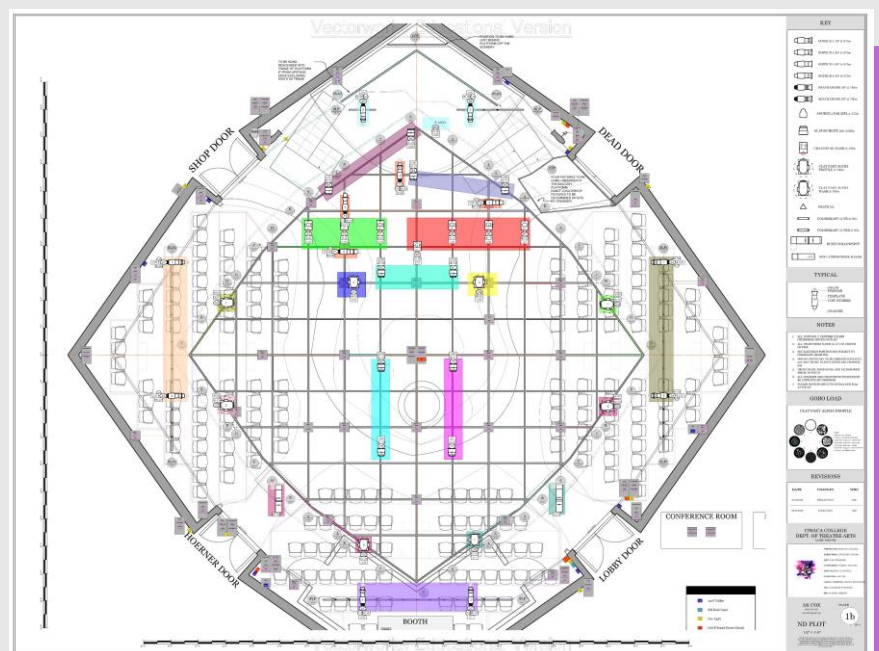
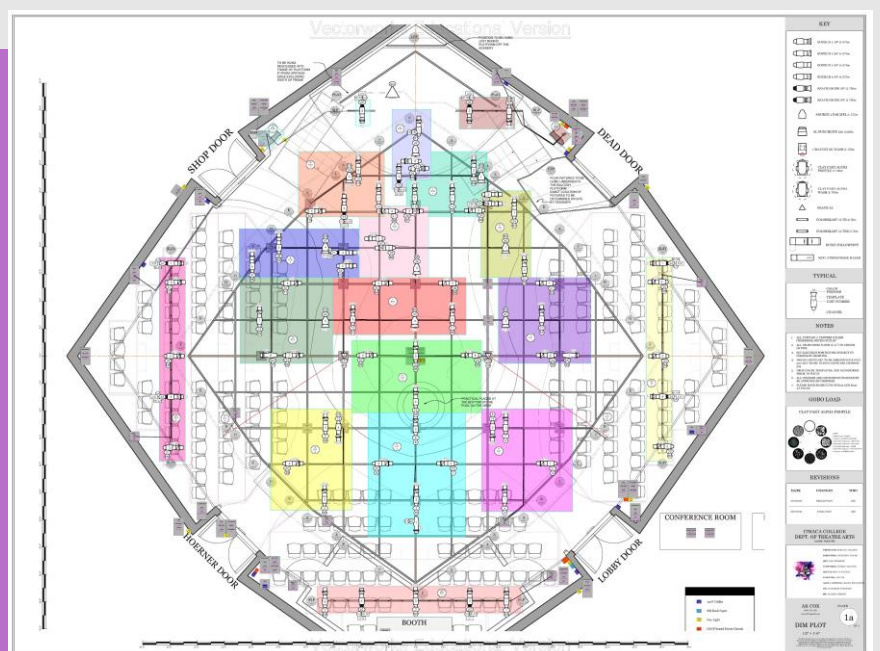
Ithaca College, Clark Theatre

Spring 2023

Lighting Designer: AK Cox



As the Production Electrician, my overall goal was to take the designed plot and create the paperwork to provide to the light shop and crew to have the required inventory pulled and the plot hung. Additional asks such as an underwater fixture and additional flying practicals were built, wired, and installed. As problems arose, such as hazer malfunctioning and moving lights breaking, I would repair at the earliest time possible.





# Resume

## Lavender Pyzowski

Technical Direction & Lighting  
Productions

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(781) 996-9837

Title	Position	Location	Supervisor	Year
<i>X</i>	Lighting Designer	Ithaca College	Sara Gosses	2023
<i>IC Graduation 2023</i>	Head Rigger	Ithaca College	Mike Garrett	2023
<i>Twelfth Night (Musical)</i>	Production Electrician	Ithaca College	Mike Garrett	2023
<i>Pas de Trois</i>	Technical Director	Ithaca College	Joey Bromfield	2022
<i>IC Presidential Inauguration</i>	Head Rigger	Ithaca College	Mike Garrett	2022
<i>Sweat</i>	Assistant Technical Director	Ithaca College	Joey Bromfield	2022
<i>Kinky Boots</i>	Master Electrician	Forestburgh Playhouse	Abbey Smith	2022
<i>Something Rotten</i>	Master Electrician	Forestburgh Playhouse	Abbey Smith	2022
<i>IC Gradution 2022</i>	Programmer, Rigger	Ithaca College	Mike Garrett	2022
<i>Fun Home</i>	Master Carpenter	Ithaca College	Adam Zonder	2022
<i>The Wetsuitman</i>	Master Electrician	The Cherry	Peter Leibold	2022
<i>House of Desires</i>	A2	Ithaca College	Mike Garrett	2021
<i>Head Over Heels</i>	Scenic Carpenter	Ithaca College	Colin Stewart	2021
<i>Everyone Gets Eaten...</i>	Technical Director	Wellesley High	Olivia Cortese	2020
<i>The Hunchback of...</i>	Associate Technical Director	Wellesley High	Brian McManimon	2019
<i>Monty Python's Spamalot</i>	Scenic Carpenter	Wellesley High	Brian McManimon	2018
<i>Sweeney Todd</i>	Scenic Carpenter	Wellesley High	Brian McManimon	2017

### Skills

AutoCAD (2D & 3D)	Hand Tools	Arena Rigging Experience	Practical Wiring
Vectorworks (2D & 3D)	Bench Tools	Theatre Rigging Experience	Cable Soldering
Programing (MA2 & EOS)	MIG & Stick Welding	Hang & Focus Experience	Comfortable at Hieghts

### Education

High School Diploma	Wellesley High School	2020
Theatre Production & Design, BFA, Tech Consentration	Ithaca College	2024

### References

Brian McManimon	Theatre Production Manager	Packer Collegiate Institute	brian.mcmanimon@gmail.com (351) 322-4118
Joey Bromfield	Scene Shop and Props Supervisor	Ithaca College	jbromfield@ithaca.edu (607) 274 -3043
Mike Garrett	Lighting/Video Supervisor	Cornell University	meg67@cornell.edu (607) 254-2743

