Culmination Project Proposal

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Professor McCullough

Culmination Project

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Project Description

During my time at NYCCT I have focused my learning into the Lighting Design and Video Production aspects of theater and studio with what I have learned I have successfully created live stage lighting design plots in my Lighting Design Course and in work experience. My goal in my career is to pursue becoming a Live Stage Concert Lighting Designer and for my culmination project I feel as though my skills will be put to the test by creating and drafting a venue in GrandMA 3D (3D Visualization)and applying a strategic concert lighting design to the venue I have modeled. By using my skills of Lighting Design to do this I will act as if I were presenting this design to a real client and every aspect of project management would be used in the creation of this lighting design including budgeting, scheduling, and listing deliverables. I am looking at this project as a way for me to fine tune my skills in Lighting Design.

Methods

GrandMA3D is a 3D Visualization program that helps designers recreate a space and design in it when one may not have endless lighting resources available. This program helps designers finalize or showcase a design before putting it in a venue a good tool to help designers preview their design to their client. I will learn and master this program by watching tutorials and reading the user guide. I already have some basic knowledge in this program but I hope to master it well enough that I could potentially teach it to anyone.

Project Deliverables/Table of Contents

Lighting Plot and Ground Plan of Model

Budget for Design

Live 3D Visualization Projection

3D Model (within program) of Venue

Poster and Openlab Portfolio

Schedule:

Preliminary drafting of my 3D venue.

Week of 3/21/16

Light Plot Drafted

Week of 3/28/16

Putting the Lights in the 3D Venue

Week of 4/4/16

Programming lights in 3D Venue

Week of 4/11/16

Finding music I can use to accent my programmed light show.

Week of 4/11/16

Practice live lighting to music.

Week of 4/18/16

Perfect lighting design to more than one song to present to client.

Week of 4/25/16

Required Resources:

The resources I require include my personal computer, City tech school computers, GrandMA 3D, Lightwright 5, Vectorworks and the ability to use the GrandMA 2 Lite console provided by City tech. Most of my resources are available to me except the GrandMA 2 Lite which I can only use under the consent of my technical advisor.

My Laptop

School Computers

GrandMA 3D

Lightwright 5

Vectorworks

Budget:

My personal budget for this project is that I will purchase any tool or resource that I may have to help me succeed with my design. I may have to purchase Lightwright 5 because the student edition only allows us to use a certain number of fixtures for each show. I have a budget of $500 that I can spend for this and I believe I will only spend about $100 maybe even less.