



# *Archives 3D*

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Kevin Pintado  
Culmination Project

# *Project Overview*

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I have always had a passion for collecting exclusive sneakers. I thought of a way to showcase them where you don't have to break the bank to be able to obtain them. Archives 3D was born sneakers from my collection where I 3D scan them and bring the physical shoe into a 3D print object coming close to obtaining the real shoe. As well as making a visual appeal of the work using a website where all the shoes will be showcased with images and videos.



# *Ineffective Ideas :*

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- Some of the ideas I noticed were unsuccessful was the use of the luma 3D app I was running into a lot of problems while trying to have my shoes scanned it would either take very long or give me very bad quality obj files
- I was also having to edit them way more than usual in blender which became very tedious and was starting to become stressful
- The prototyping of the sneakers were coming out very bad and not at a good quality as I wanted it to.



## *New Idea:*






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- Some of the new ideas is I switched over to the KIRI Engine 3D scanner app which has been giving me really good scanned obj files which when I transfer to blender it's so concrete I use minimal editing to the obj file and makes it easier for me to take it to the 3D printer





# Timeline:

Timeline Culmination Proj... 			
 Start date	 End date	 Activity	 Category
9/1/2024	9/6/2024	Week 1 : Research and Test	Done
9/9/2024	9/13/2024	Week 2 : Pick Shoes going to	Done
9/16/2024	9/20/2024	Week 3 : Gather ideas to add	In Progress
9/20/2024	9/30/2024	Week 4 : Begin Scanning Sho	In Progress
10/4/2024	10/10/2024	Week 5 : Trouble Shoot / Sma	In Progress
10/14/2024	10/19/2024	Week 6 : View possible perfec	In Progress
10/28/2024	11/7/2024	Week 7 : Start Scanning final	In Progress
11/11/2024	11/20/2024	Week 8 : Begin sanding and p	Not Started
11/21/2024	11/28/2024	Week 9 : Add all shoes onto t	Not Started
12/3/2024	12/10/2024	Week 10 : Poster Board / Fin	Not Started

# Budget :

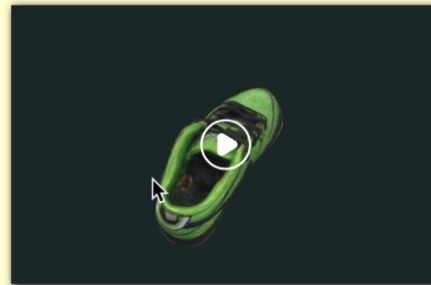
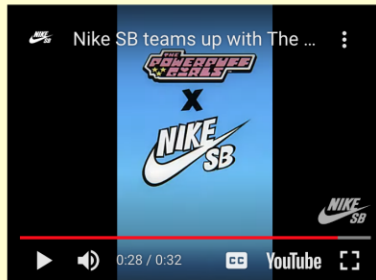
Budget 		
Material 	Cost 	Details 
3D Printer	\$110	<a href="https://www.microcenter.com">https://www.microcenter.com</a>
Fillament	\$50	<a href="https://www.amazon.com/s?">https://www.amazon.com/s?</a>
USB / Storage	\$10	<a href="https://www.microcenter.com">https://www.microcenter.com</a>
Acrylic Paint	\$30	<a href="https://www.michaels.com/p">https://www.michaels.com/p</a>
ReadyMag	TBA	<a href="https://readymag.com/pricing">https://readymag.com/pricing</a>
Ultimaker Cura	\$0	<a href="https://ultimaker.com/software">https://ultimaker.com/software</a>
Blender	\$0	
Transportation	\$80	
Laptop	\$0	
	Total = \$280	

# *WIP FOR WEBSITE :*

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<https://readymag.website/u3897878329/4775170/>

## **NIKE SB DUNKS "THE POWERPUFF GIRLS"**



Republish



# *Work Up Ahead*

- The next steps will be to begin scaling to the size I want my shoes to be showcased and begin final prints
- Begin painting them with acrylic paint giving them life as well as sanding them giving it more of a smoother feel
- Start adding more images and videos to my website as well as more information and organizing it better as well as adding more features
- Keep working on my posterboard





# WIP Posterboard



## ARCHIVES 3D Kevin Pintado Entertainment Technology Department

### Introduction:

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### Skills Used :

- Slicing / Preparing file for 3D printer
- Editing and making OBJ file into a STL file using Blender
- Painting and polishing final 3D object
- Working on website creating visuals and adding work into it.

### Materials:

#### Equipment

- Phone
- Blender.org
- USB
- 3D Printer
- Acrylic Paint
- Ultimaker Cura

### Budget:

Material	Cost	Source
3D Printer	\$110	3DPrinter.com
Material	\$20	Blender.org
USB / Storage	\$10	USB.com
Acrylic Paint	\$30	AcrylicPaint.com
ReadyMag	TRX	ReadyMag.com
Ultimaker Cura	\$0	Ultimaker.com
Blender	\$0	Blender.org
Transportation	\$80	
Lamp	\$0	
<b>Total</b>	<b>\$250</b>	

### Timeline:

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