



EmberLight

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September - October / 2025

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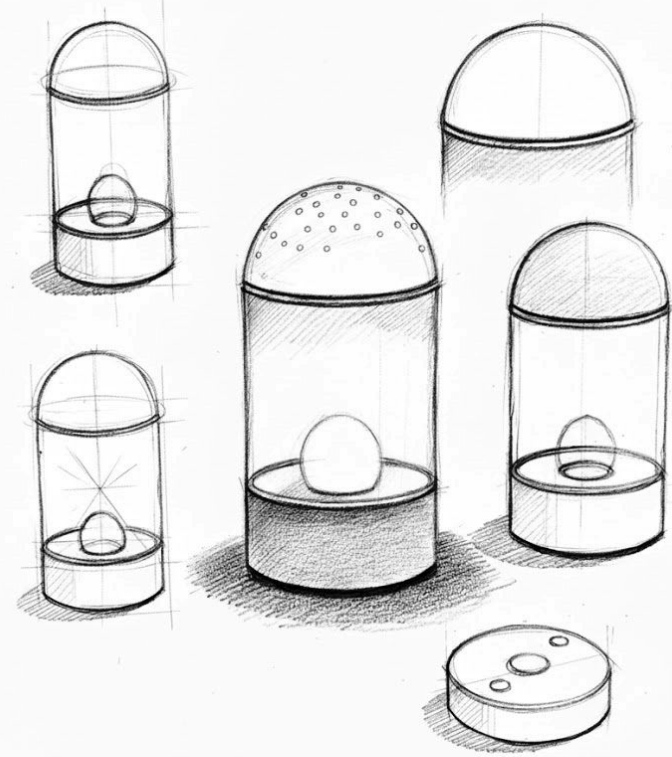
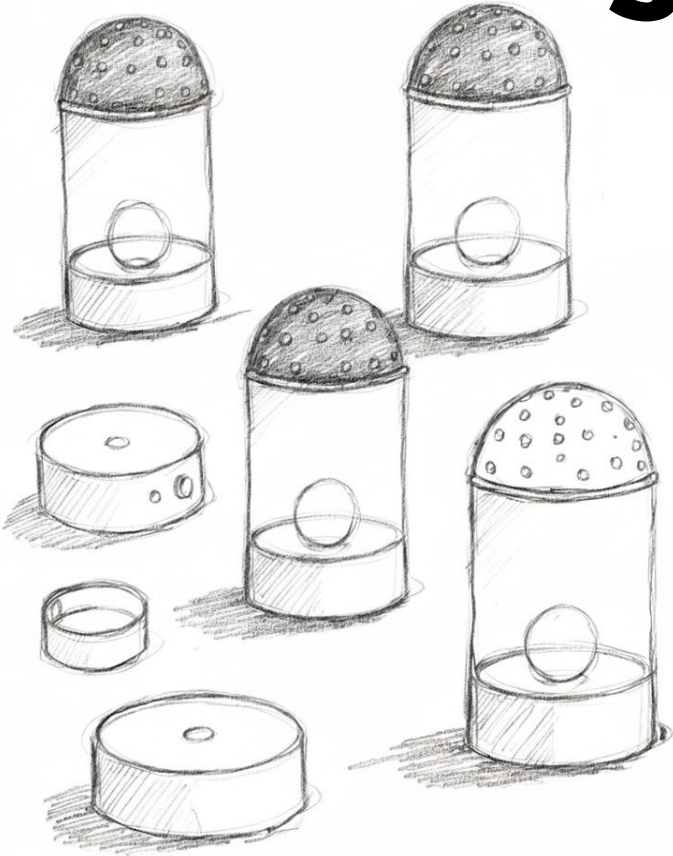


Our Idea

Our goal was to design a lamp that captures the warmth of a bonfire and the serenity of a starry night.



Sketches



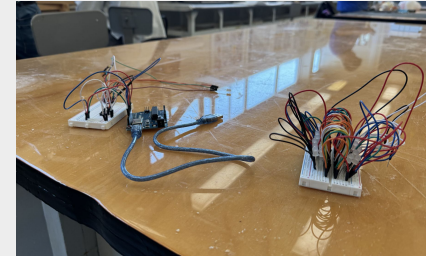
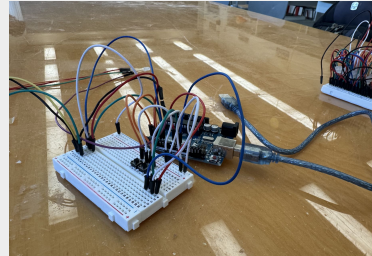
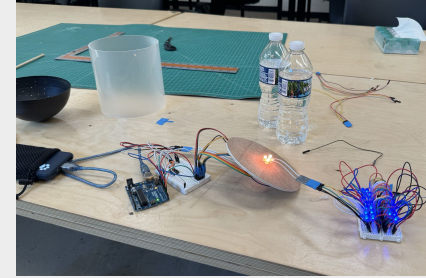
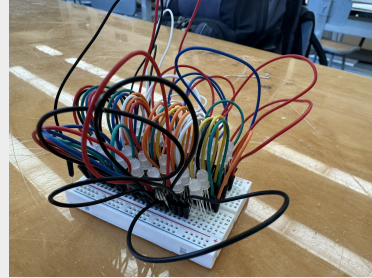
AI Renderings

These renderings created from Gemini help create the environment we see our lamp in as well as a idea of what it would look like if it were to be mass manufactured with the proper materials

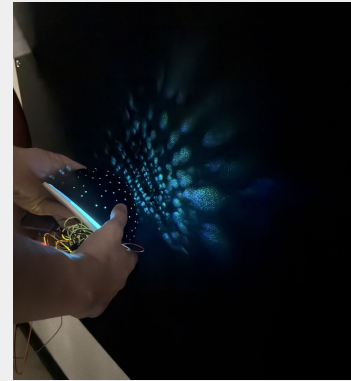
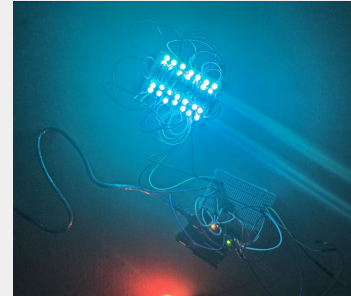
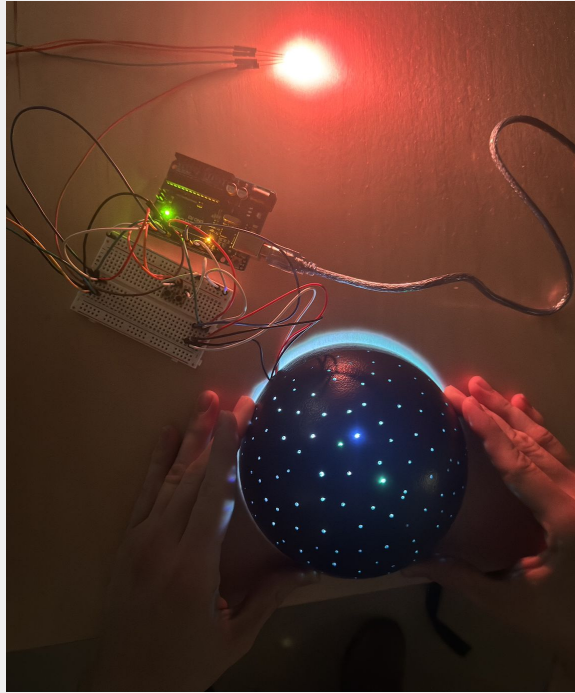
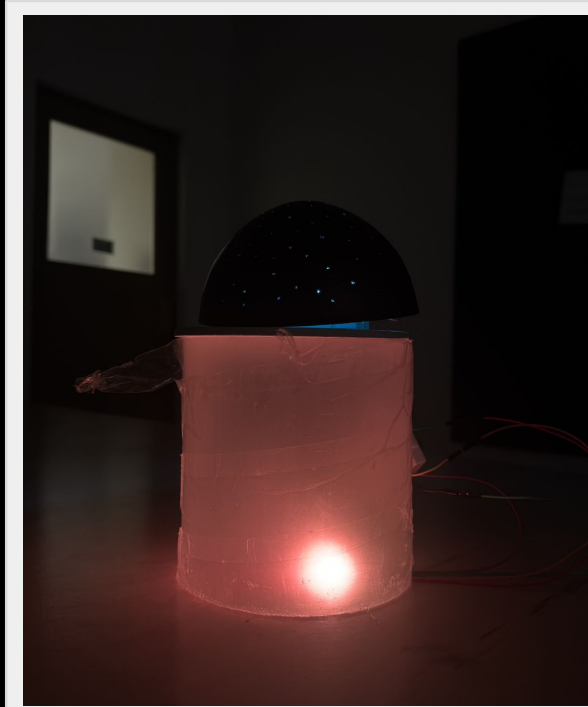


Wiring

Here we started off with a smaller mock up of our overall light setup with 2 leds and expanded up to 32 leds

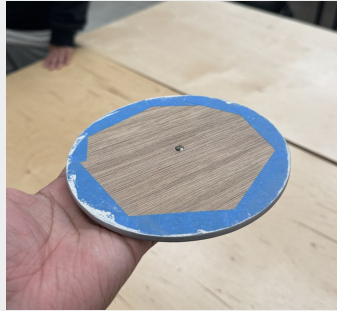
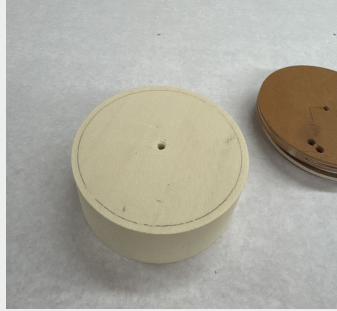
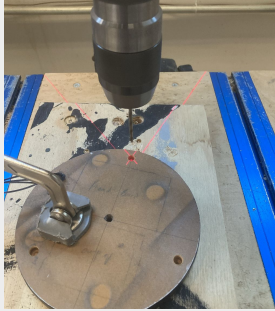


Wiring pt.2

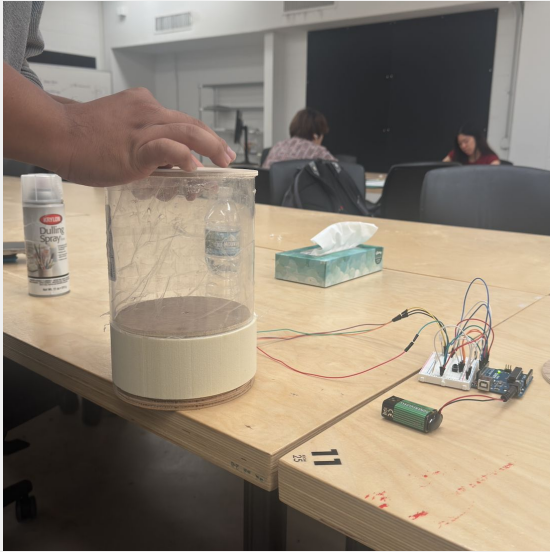


Forming the Form

Here we used foam and wood to cut out the shapes of the base and dome to create the form

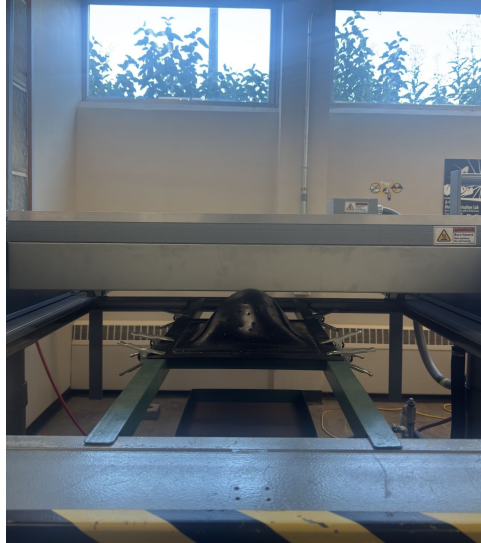


Forming the Form



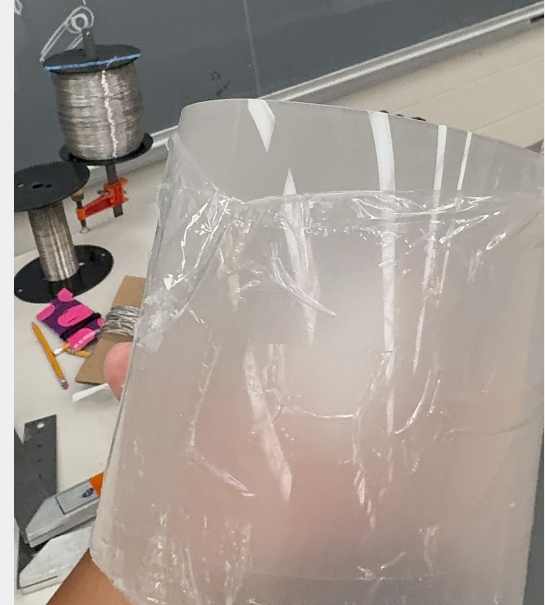
Creating the Dome

Here we used the vacuum former to heat up the plastic to form the dome of the lamp



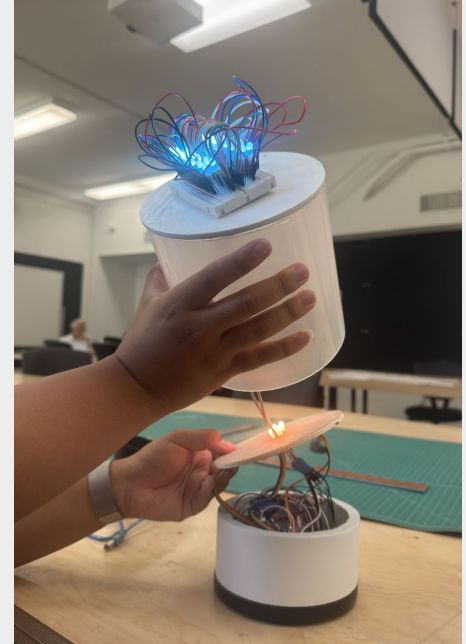
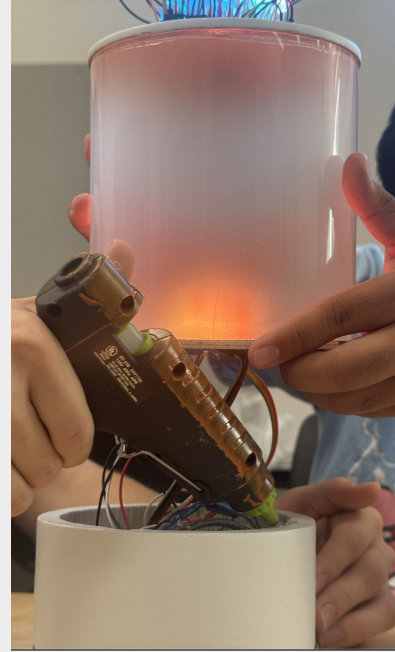
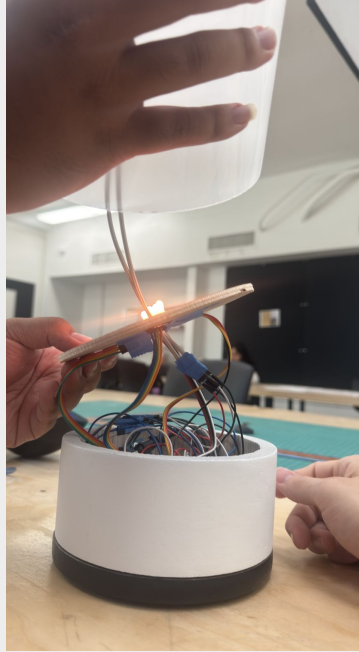
Finishing

After finishing the form making of the lamp we began finishing with top coats / paint / spackle / sanding

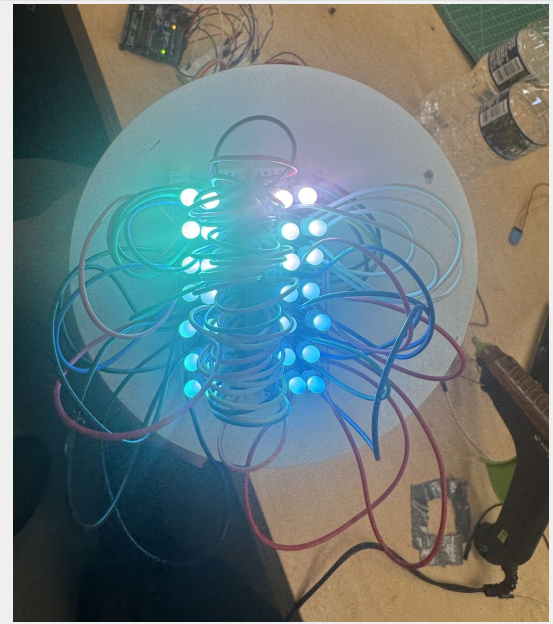
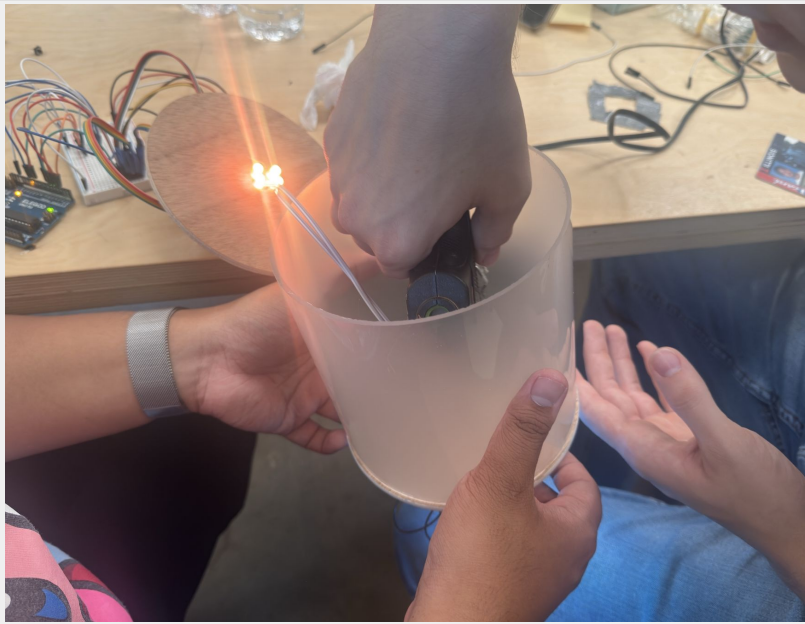


Assembly

After finishing the finishing we began constructing the overall lamp with putting the wires inside all of the lamp



Assembly



Final Images

These pictures we took show the final completed model of our lamp one showing the lights on and the other showing lights off

Lights Off



Final Images

These pictures we took show the final completed model of our lamp one showing the lights on and the other showing lights off

Lights On



THANK YOU!

:D

