

Snaggies A LED Throwie Mod

by **killbox** on February 10, 2008

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intro: Snaggies A LED Throwie Mod

For the past 2 months to our local 2600 meeting, I have brought makings for putting together some Throwies (as made famous by Graffiti Research Labs). This month I wanted to get people into thinking outside the box when making the throwies, I brought some blinking led's some 3v buzzers, resistors various voltage leds, and then makings for about 200+ normal throwies. (lots of variations, including Thuddies, and Meepies got made, but the one I did was called a Snaggie.

I live in New Mexico, most of our buildings are made out of Stucco or Adobe, or frame and board. So I was afraid we would run out of good ferris surfaces to "throwie"

Also figuring we would run out of magnets I stopped by the store for some fishing line, and hence the "snaggie" was invented, they work quite well on trees during the winter.

A snaggie is just an LED a battery a loop of fishing line and some tape (these are cheaper to make than throwies due to the lack of a magnet)

Image Notes

1. CR2032
2. 8000+ MCD Red, and a 8000+ MCD Blue LED
3. Cheapo fishing line
4. Electrical tape, im pretty happy with it for throwies, I know other groups use duct or packing tape.

step 1: Bend the LED legs

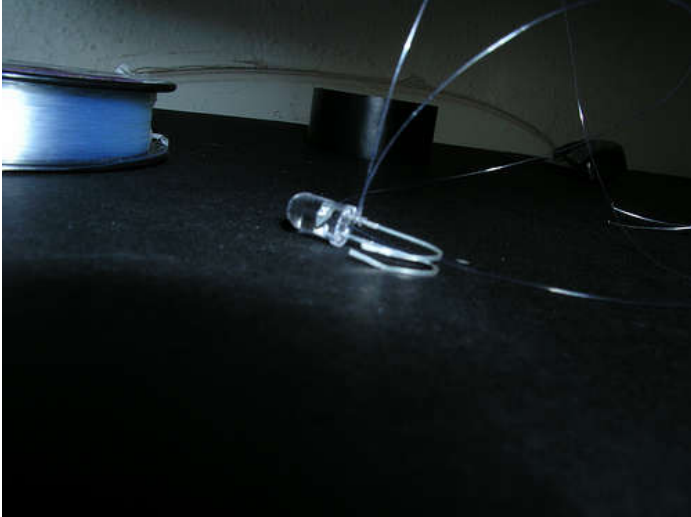
One problem of throwies is if someone pulls on the LED it comes out, since i hang the Snaggie with fishing line from the led. I want it to stay together when being pulled/worn/swung/tossed.

So i bend the legs into a JJ shape. (see photo <http://www.instructables.com/files/deriv/FJT/BVL2/FCHYNTP8/FJTBVL2FCHYNTP8.MEDIUM.jpg>)



step 2: Affix the "snag", Tie a loop to the LED

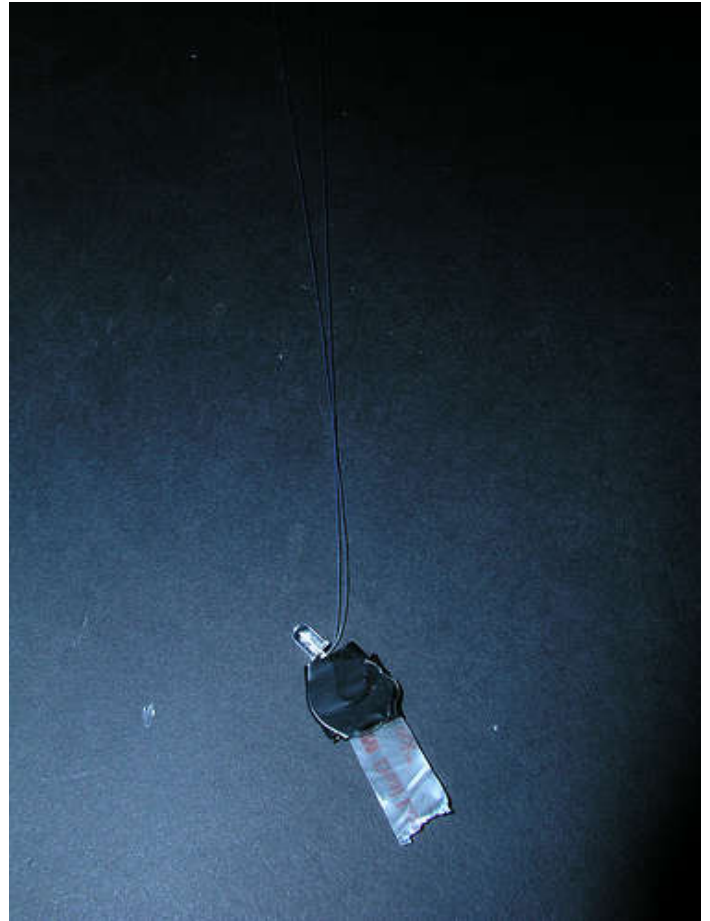
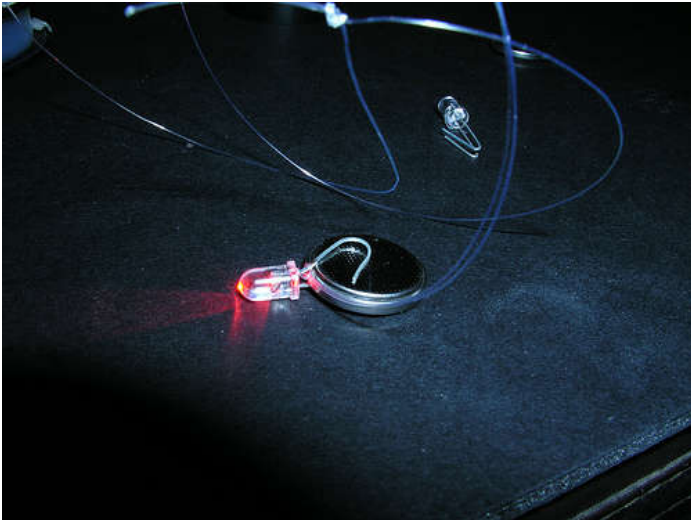
Now I tie a loop of Fishing line, i find a loop about a foot long or so works well (and you can wear them around your neck. Then tie it to one leg of the led.



step 3: Put the led on the Battery

Pretty simple put the battery between the JJ's of the LED's legs, + goes to the longer leg. (you have a 50/50 just flip the battery if it does not light up.)

sometimes i will slip in a bit of wax paper (or in this case a bit of pastic backing from some velcro, so i can keep it off until i pull the tab)



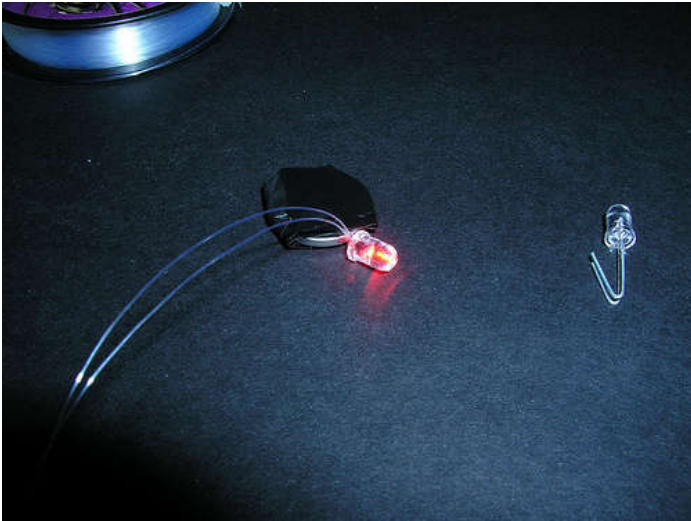
step 4: Tape it up, and you are done!

Pretty wrap it with some tape, remember to stretch the electric tape, I usually just pull it until it breaks, this makes it very tight ly wrapped. The bent legs of the led's make it hard to accidentally pull loose the LED.

now make a bunch of them because they are pretty fun to toss since you can twirl them on the line and then fling them in a big arc way up into trees. (or other snaggable surfaces)

If you are interested in photos of our throwies, and snaggies, heres a link to my flickr photos, and a site listing a bunch of my fellow throwers.

[My Flickr Throwies](#)
[MediaPathic Article](#)



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Comments

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kraM says:

i'd like to see these in action
good idea about the plactic slip to keep them off untill use. all in all nice work1

Jun 21, 2008. 5:59 PM [REPLY](#)



FullyInvolvedScientist says:

These are really cool throwies. I have been introducing throwies in my area. These are a great way to spread out.

May 27, 2008. 9:49 PM [REPLY](#)



craz meanman says:
nice idea! you could also sand the lense to diffuse light better.

Mar 17, 2008. 6:21 PM [REPLY](#)



killbox says:
yep, i found a sanding sponge does a good job. did that with most of the throwies.

Mar 17, 2008. 8:52 PM [REPLY](#)



Noodle93 says:
I could see this being used to decorate a tree at Xmas. Heck, we could use them as Christmas lights!

Feb 10, 2008. 11:46 PM [REPLY](#)



xtank5 says:
Good idea. I like it.

Feb 10, 2008. 7:20 PM [REPLY](#)
