`Trigga` Fingga V.0.1

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So far

I have the button working properly and the counter work up for numbers 0-9.

Materials used:

- 1x Arduino Uno R3
- 1X Button Circuit:
    - 1x Push Button
    - 1x 10k Resistor
    - 2x Jumper Cable
- 1x Counter Circuit:
    - 1x Shift Register|SN74HC595N
    - 1x Common Cathode 7 Segment Display
    - 1x 1.5k Ohm Resistor
    - 14x Jumper Cables
- 4x Jumper Cables

Where I wanted to be

I was hoping that I would have the counter counting in double digits, and I be working on smoothing out any glitches that result in pressing Trigga Fingga while the sound from a previous press is still playing. Though due to this being my first electronics project I found myself faced with the steep learning curve one faces when they’re trying to teach themselves.

> *The counter in particular has been the most time consuming part of the build.*
> *I had to figure out how the led Displays I’m using work experimentally and*
> *actually broke one of the lights in the process. Then I had to learn to use*
> *a chip, and get comfortable with the idea of using something I didn’t fully understand.*
>
> *Though the most important lesson was learning to learn efficiently.*

Where I plan to be

By the end of the week I hope to have the counter counting in double digits, and to start the sound circuit. Then later on introduce the charger circuit.