

### RE + VTube = Much harder than you'd think

Still Hsu / Azaka Sekai 安坂星海

### whoami

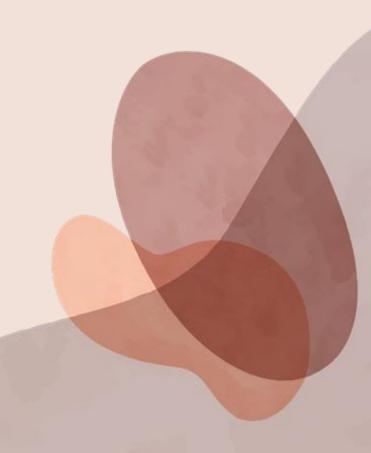
#### Still Hsu

- BEL, English @ NPTU
- Threat Intelligence Researcher @
   TeamT5
- Active among infosec communities
- Windows internals + reverse engineering as hobby



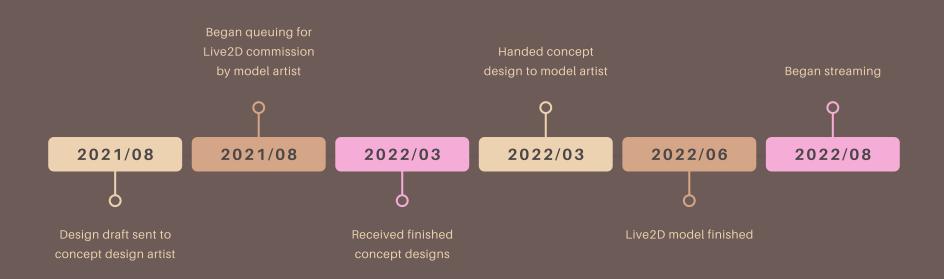
### So, like... What's this all about?

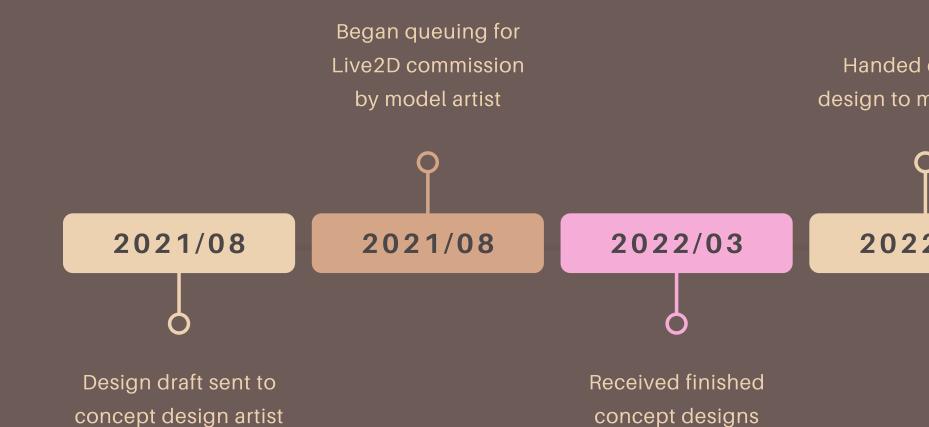
- Always wanted to stream
- Loved audio and video production and did dabble with professional work for a while
- Gender dysphoria (性別認同障礙) has been bothering me for a decade



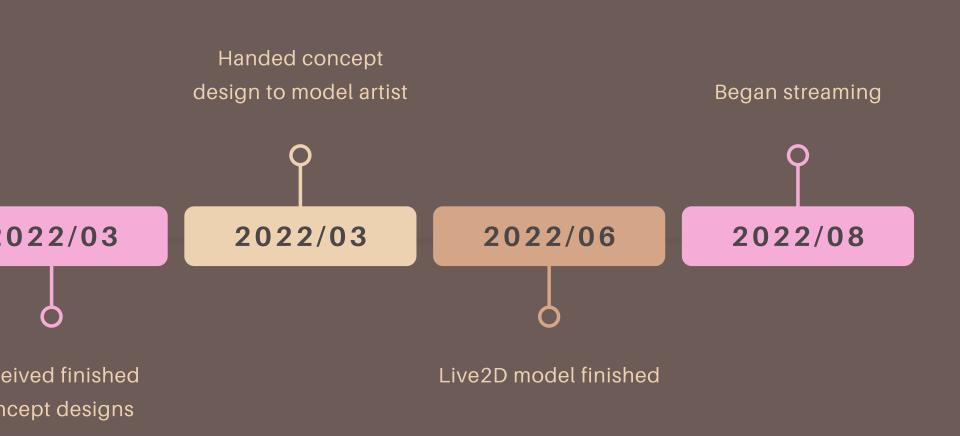
#### **TIMELINE OF THINGS**

A brief summary of all the complicated things





concept designs







...but now what?





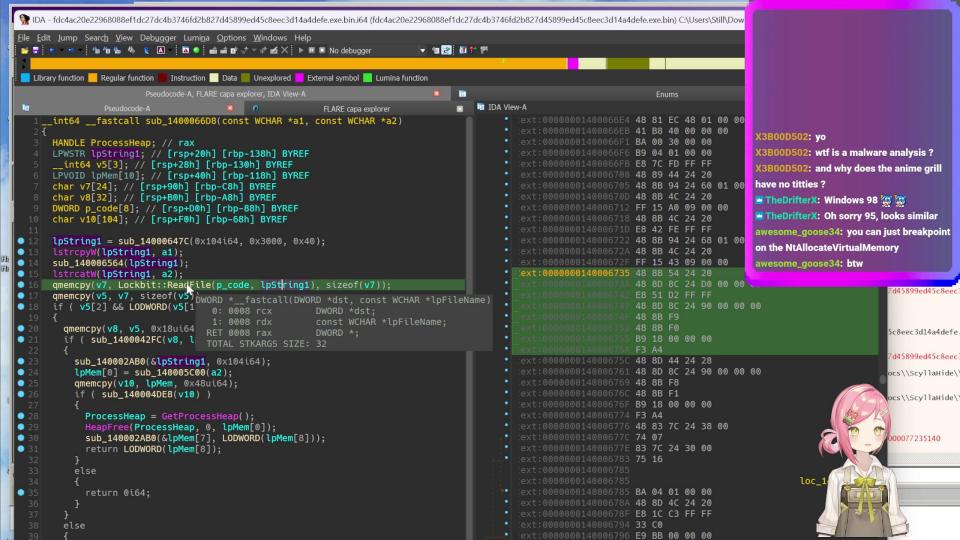
### chat

malware\_guy: Imao this is like metal gear revengeance

- ✓ AmiaLinara: yis
- malware\_guy: he just wants to avenge nimue's death ig
- ✓ AmiaLinara: lurking while exploring
  ✓ AmiaLinara: i had to watch a guide too
- ya for some small stuff
- ✓ AmiaLinara: oh i often get 1000% + LOL malware\_guy: i'm gonna focus on some nim sample i'm working on, it was fun talking with you still! dropped a follow earlier
- ✓ AmiaLinara: you need to really know to make some stronger etc etc
- ✓ AmiaLinara: and overcap into amazing or brilliant



# Since we're at HITCON...



## A LOT went wrong that stream...

## Let's talk about what makes streaming difficult

You'd HAVE TO be entertaining 80%+.
You'd HAVE TO be confident enough to show the viewers
that you know what you're doing.
The viewer HAS TO understand what's going on.

## Let's talk about what makes RE streams even more difficult

You can ONLY use TLP WHITE samples (quality differs). You HAVE TO be careful with what you say and show (company secrets).

This is an entertainment-focused platform.

### What went wrong with the stream?

- Lack of preparation
  - Difficult to tell what sample you're about to deal with is.
- Terribly boring
  - o How do you make something as bland as reverse engineering fun?
- Confused viewers
  - They don't know what they're looking at even for experienced RE players.

awesome\_goose34: what you're trying to do?

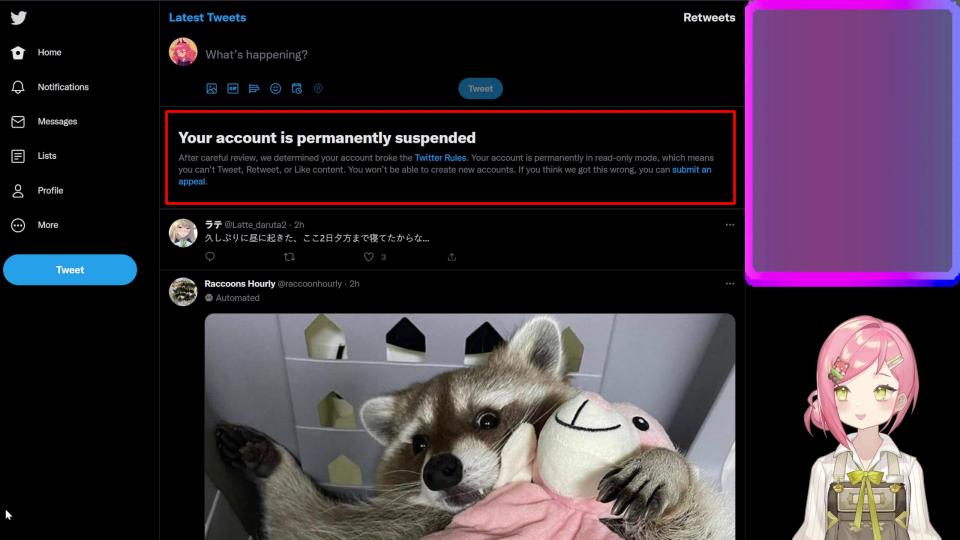
### **Key takeaway**

- Prepare your materials
  - Not necessarily finish REing the entire sample before the stream, but at least know what you're about to work with.
  - Understand "what exactly can the viewers learn out of this?"
- Maybe streaming isn't the best fit for RE
  - Cut it down to an entertaining video instead



## I got banned on Twitter on Thursday.

...so the contacts at the end might not work.



### THANKS

Contact me @StillAzureH (Twitter) @AzakaSekai (Twitter/Twitch)

