Mason Competitive Cyber

CyberFusion 2019 Challenges

CyberFusion 2019 Recap

- In-person @ VMI
- 2nd to UVA
- 185 points behind
- No RE
- No flag format
- False flags and red herrings
- “Wireless” category
  - Most points by far
  - UVA head coach wrote these challenges

Upcoming Competitions & Events

- BSides Nova
  - Friday/Saturday
  - Conference
- DawgCTF
  - UMBC

CyberFusion 2019 Challenges

- On TCTF
  - tctf.competitivecyber.club

- Hidden in Plain Sight
- Sekrit
- Juggling
- ‘Ol Ricky
- Shades of Blues
- Stream
- Ze Plane Ze Plane
- Ton of crypto coming soon

Web 1 - hidden in plain sight

- Video

Rick Roll

- Some weird noises mainly concentrated in 10sec of song
- No EXIF
- Nothing from file carving

Rick Roll

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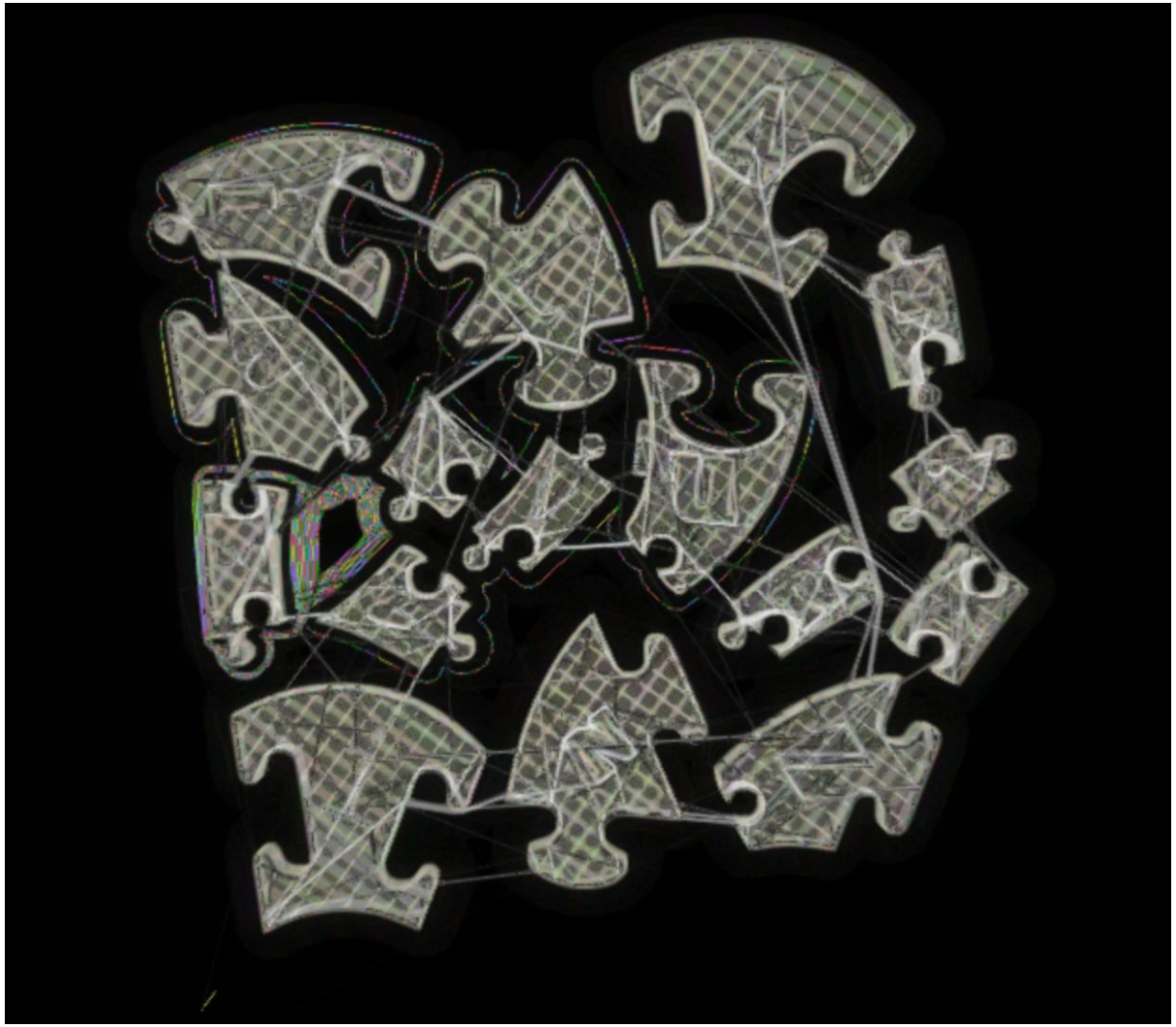
- Spectrum Analysis = $$$
  - Sonic Visualizer > Audacity

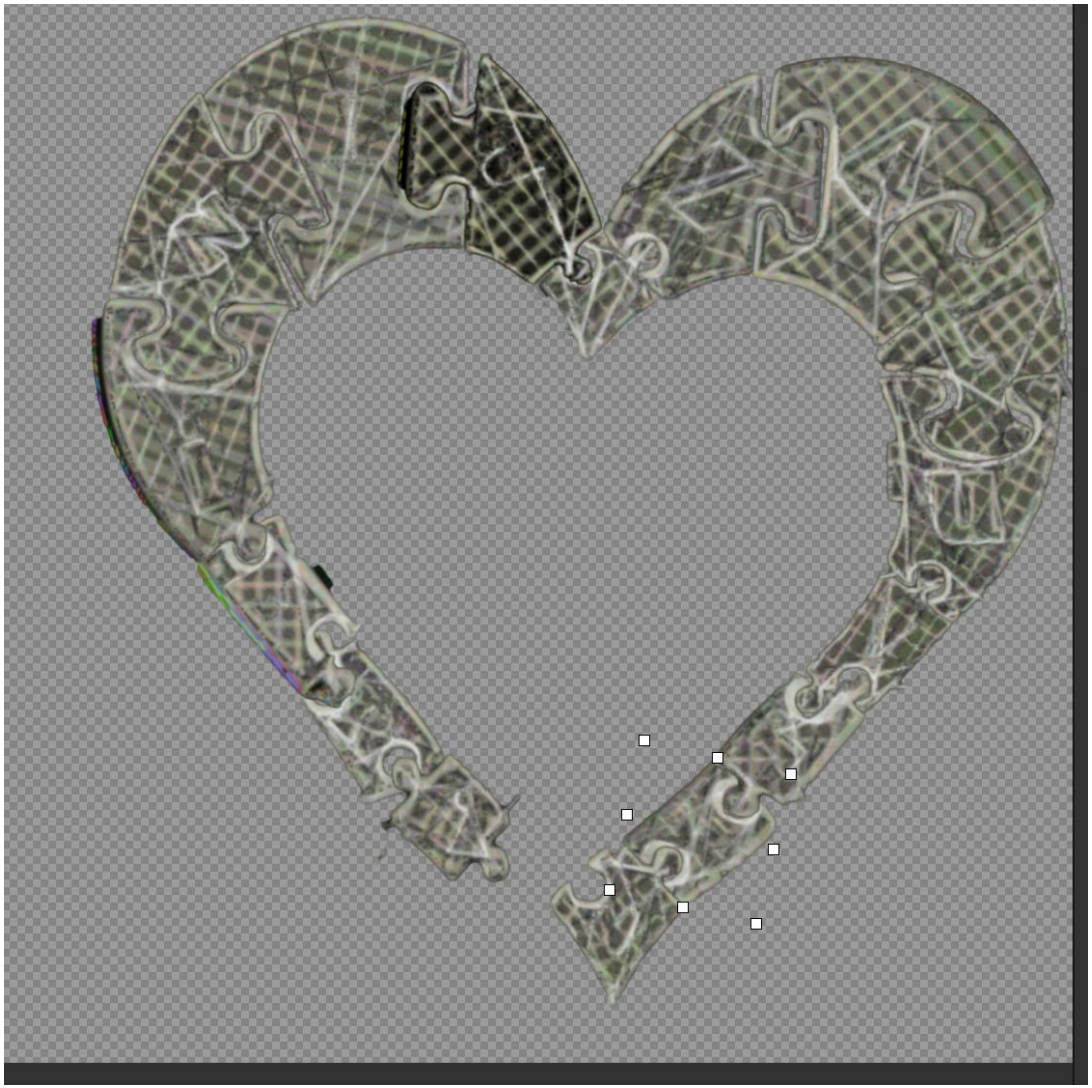
PUZZLR

- gcode
  - 3d printer code

PUZZLR



PUZZLR



Squirrel

- @sekritskwerl sends out secret messages to his followers on social media. What's his latest message?
- sekritskwerl.com = false flag city
  http://sekritskwerl.com/more_sekrits/AlbumCover.png

GREATESTHITSVOLUME1

Squirrel

Sekrit Skwerl Retweeted

Gus Power @guspower · 16 Nov 2010

I've got an urge to use #steghide for something. Just what exactly I don't know. (http://steghide.sf.net/)

1 1

Streams

Web 4 - Juggling

- juliet.virginiacyberrange.net

Web 4 - Juggling

- juliet.virginiacyberrange.net

- juliet.virginiacyberrange.net/admin.php
- See comment about administrator
- Use administrator as username
- PHP type juggling

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