



Threat Hunting for a Job

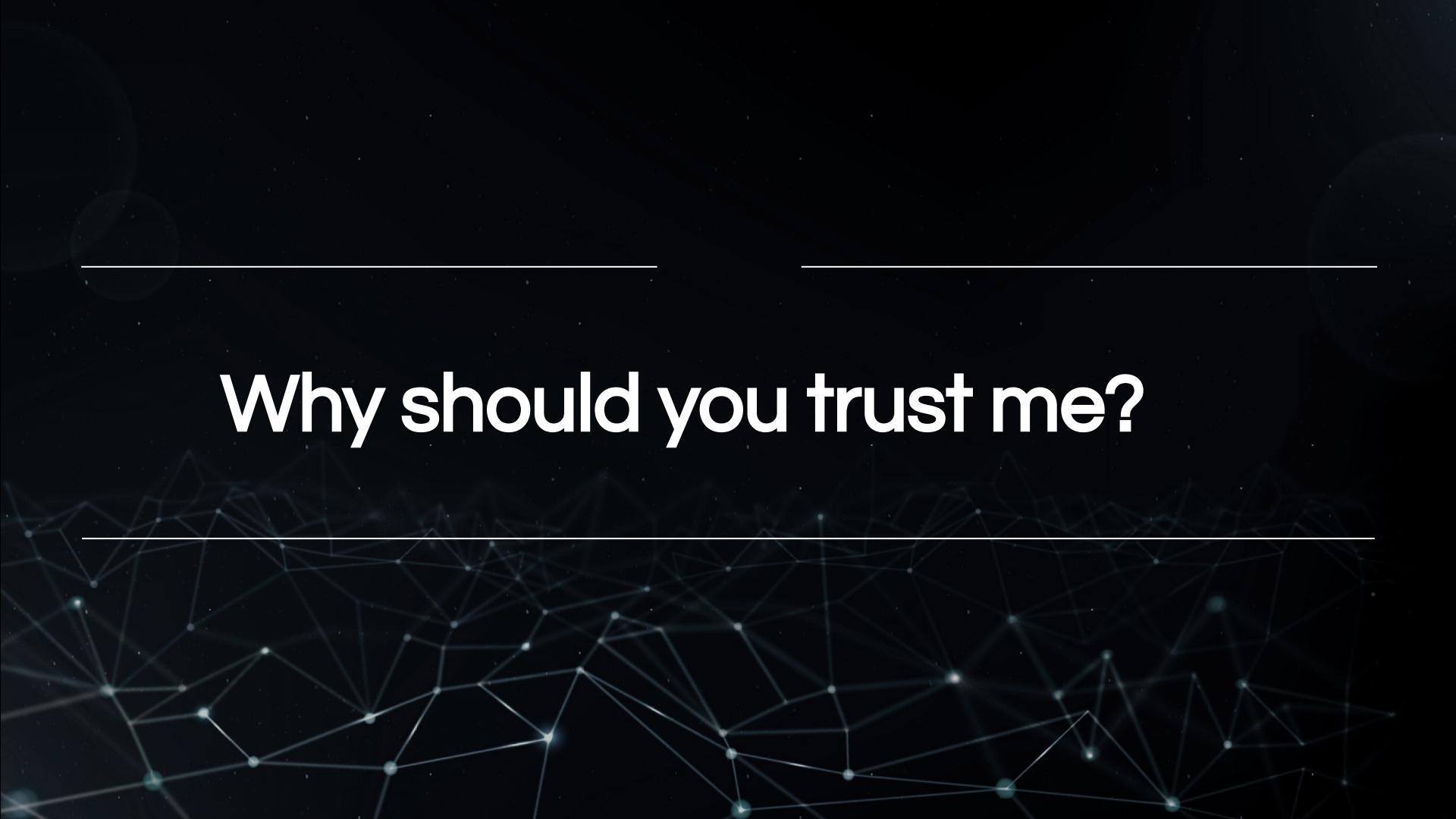


AGENDA



- Why should you trust me?
- Personal Projects
- Inspiration
- Officer story time

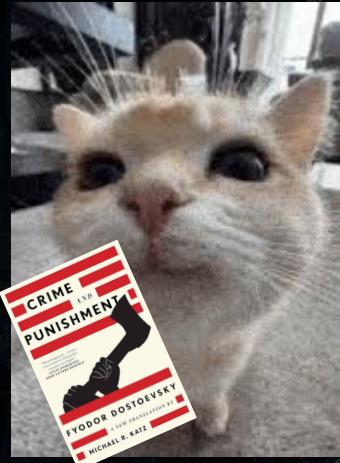
Why should you trust me?



Because I said so



Storytime



The Computer Security Group of UT Dallas is an organization that focuses on promoting education, and building a community of people interested in cyber security. You don't have to be a master hacker to join. All experience levels are welcome!

Want to get into Cybersecurity but don't know where to start? JOIN CSG!

WEDNESDAY, @7PM IN ECSS 2.306

FOLLOW US ON OUR SOCIALS!

Instagram: [@UTDCSG](#)

Discord: [#UTDCSG](#)

QR codes for Instagram and Discord.

UT Dallas Computer Security Group (CSG) logo featuring a green lock icon and the text 'UT D CSG'.

Icons for CTF (Capture The Flag), a lightbulb (representing ideas), and a speech bubble labeled 'TALK'.



Storytime



Storytime



Professional Benchwarmer



Professional Mouse Jiggler



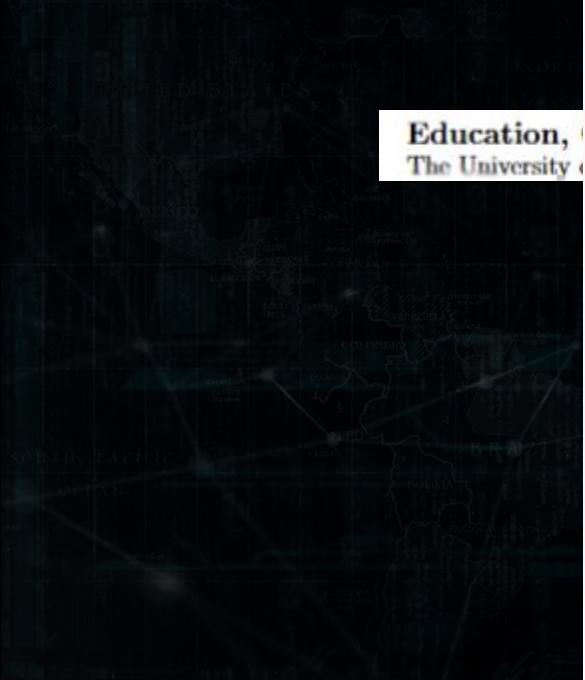
Professional Mountain Climber



Personal Projects

Personal Projects

- Everybody in your class graduate with the need something



Personal Projects

- Not necessarily personal
- Not necessarily projects
- Something you voluntarily go out of your way to do

Personal Projects



Personal Projects



You're convinced...now what?



Personal Projects

Personal Website

- Interviewers look at these
- Make a blog!
- Upload writeups



Could get it done in a weekend

Personal Projects



Homelab

- Learn networks
- Grows with your experience level
- My setup:
 - ThinkCentre 1L PC

Start now and grow with it!



Personal Projects



Tech Talks

- Good for public speaking
- Forces you to learn good enough to present it

Talks I've done:

- Homemade router
- Intro to linux for beginners
- Homemade wifi pineapple
- Security architecture
- Malware reverse engineering
- ICS hacking

Easy AND fun!

Do it at:

- CSG Firetalks
- Dallas Hacker's Association
- Defcon Group 214
- Dallas 2600
- BSides
-anywhere you can!

Personal Projects

Contribute to Open Source

- Looks awesome on a resume
- Merges your interests with real-world work

Still easy! It's very doable!



- C# Reverse Engineering dll
- How to deal with comments
- comments on my commit messages

Personal Projects



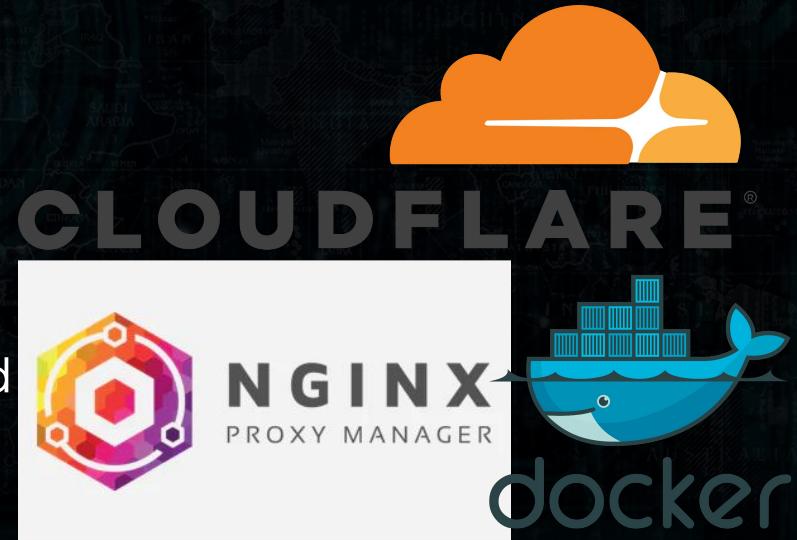
CSG Bootcamp

- How to scale from development to supporting ~100 users
- How to not get Ddosed

Difficult, will take a few months

You can and should do it too!

- Make cybersecurity puzzles
- Host them on cloud infrastructure
- Advertise it on local cyber groups and encourage people to learn!



Personal Projects



Writing Malware

- Python malware is fun AND approachable
- Hands-on attack vectors
- Do it for research purposes only (seriously)

Difficult-ish, largely since there aren't great online resources

Personal Projects



DNP3 Exfiltration

Difficult, took a few months

- Uses DNP3 IP to send covert messages hidden in non-essential bits
- A little better than a character a minute (slow as all hell)

Personal Projects

ooooooo you want to work on a
project over the winter break



oooooooooo

Honorable mentions



Honorable Mentions

Resume

- SUCKS to do but it gets you through the door
- Certifications are better than I've given them credit, need to pass the AI / HR lookover

Honorable Mentions

Networking

- Fun to do and VITAL
- Learn how to talk to people
- People who know people get jobs

Officer Story Time

A dark, abstract background featuring a network of glowing blue and teal dots connected by thin lines, creating a sense of a complex system or community.

Questions?

