SIGPwny (or sigpony)

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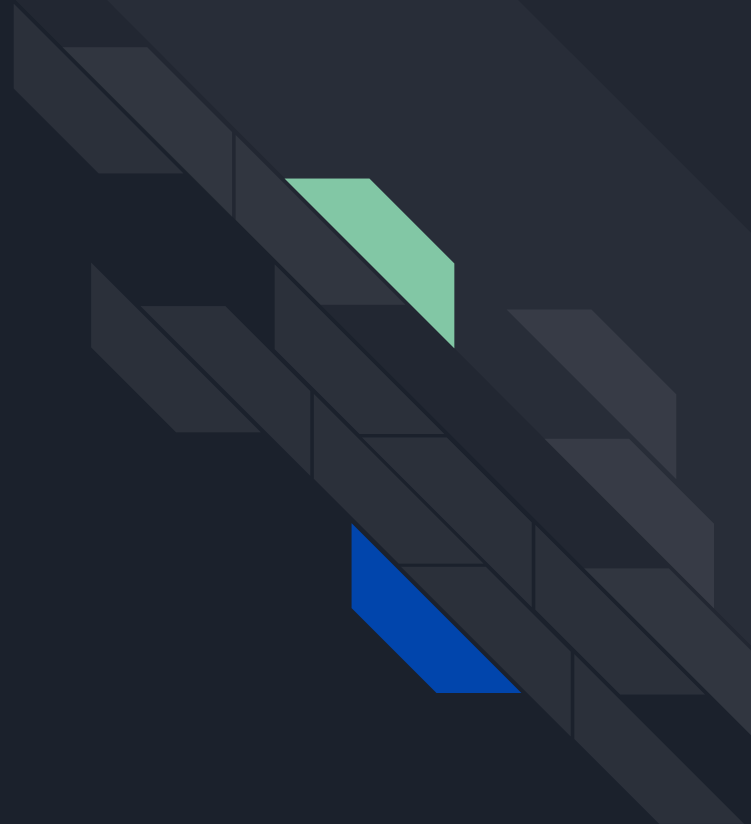your hosts: ian & evan
also josh is here

15m

We promise: we'll never go over this.

Meetings will be hand-on, and you will learn useful things.

#goals / expectations

yes:

- hack
- learn things together
- ! win CTF ! bounty money !
- sorf a pony
- research / conferences / jobs

no:

- "hack" others' facebooks
- it to be easy
- to learn everything fast

topics of interest   hacking!!!!!!1

stuff you can learn here

- hands on mtgs (15m talk / 45m do)
- capture the flag (more later)
- --
- pentesting / red teaming / network security (Erik)
- malware / binary reverse engineering (AEG)
- webapp security (job security)
- cryptography / Blockchain (andrew miller)
- hardware (paul)
- digital forensics
- academic research opportunities (next week!)

opportunities

- ctf team
- bug bounty team
- pentesting / windows enterprise (erik next week)
- research w/ professors (edmond next week)
- jobs

what we did this summer

- shaoyie (jr) - HHVM compiler @ facebook
- dolly (jr) - android store measurement @ NSRG
- REDACTED (jr) - REDACTED @ NSA
- ian (sr) - fuzzer @ grimm
- brian (sr) - reverse engineering @ northrop grumman
- paul (sr) - linux applications @ digital design corp
- sebastian (sr) - random stuff @ ncc group
- evan (sr) - malware sandbox things @ MITLL
- juliana (sr) - quantum encryption @ kwiat lab
- jp/eric - graduated, now @ trail of bits

josh & kirill

josh mason

- research faculty in NSRG
- og hacker
- working on AEG stuff
- ask him about NLP

http://joshm.web.engr.illinois.edu/

kirill levchenko

- assistant professor in ECE
- just moved from UCSD
- "e-crime and cyber-physical system security"
- **teaching cybercrime 498 half-semester**

http://klevchen.ece.illinois.edu/

where's the https guys

where to find us

- Discord : discord.gg/aXjKN98
  - (irc bridge can happen if you prefer)
- http://sigpwny.github.io

- Facebook : facebook.com/groups/sigpwny
- www-s.acm.illinois.edu/mailman/listinfo/sigpony-l

CTF and bounties

"capture the flag" — basic unit of learning security.

We're building a team. We're starting today.

josh talks now

joshm@illinois.edu

CTF!!!!!!!!!!! (ask us for help if you're stuck)

solve challenges, learn things, win money

sigpwny.com

Next weekend: CSAW!!!

1h: 15m

get on discord.gg/aXjKN98