



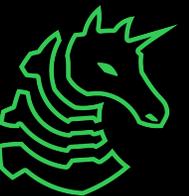
SP2024 Week 00 • 2024-01-18

Welcome Back!

Pete and Minh

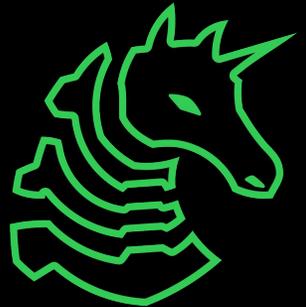
Announcements

- Fill out the feedback form if you haven't already
 - <https://sigpwny.com/feedback/fa2023>



What is SIGPwny?

And why is our logo so cool?



SIG • Pwn • y



**Special
Interest
Group**



**To hack
or "own"
(slang)**



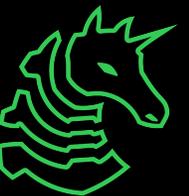
**For
cool
logo**

About Us

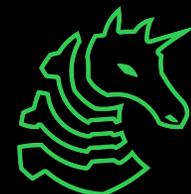
- Computer security/hacking club at UIUC
- Largest Special Interest Group within ACM@UIUC



"Don't ever talk to me or my child again"

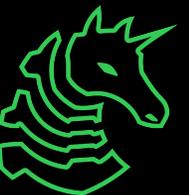


Why join SIGPwny?



Why computer security?

- Massive growing industry
 - U.S. will have **750,000** unfilled cybersecurity jobs in 2025
 - Source: [AP News](#)
- Cybersecurity is relevant in all careers and computing
- **Red teaming** - break systems
 - Find problems before threat actors find them
- **Blue teaming** - protect systems
 - Fix problems before threat actors take advantage of them

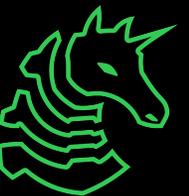


How do I join SIGPwny?

You already have!

sigpwny.com/discord to join our Discord server

sigpwny.com/auth to receive the **@UIUC** role



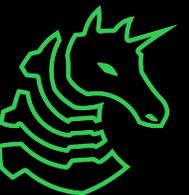
Two Meetings/Week!

Thursdays at 7–8 PM

- Everitt Lab 2310
- 15 minutes talking
- 45 minutes doing

Sundays at 2–3 PM

- Siebel CS 1404
- 1 hour of extended lecture

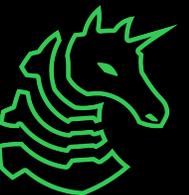


Code of Conduct

1. Be respectful.
2. Be inclusive.
3. Nothing illegal.
4. Don't cheat.
5. No NSFW or suggestive content in Discord.
6. Don't spam in Discord.
7. Use common sense.

The full Code of Conduct is available at sigpwny.com/rules.

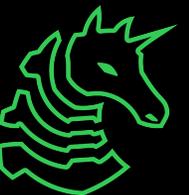
Report misconduct to sigpwny.com/report.



The "Don't Get Arrested" Slide

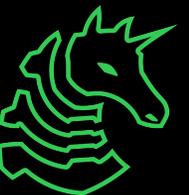
Computer Fraud and Abuse Act (CFAA)

- Attacking "protected" computers
- Anywhere between a fine and **TWENTY** years in jail.
- If you don't have **EXPLICIT** permission to break into it, **DON'T**



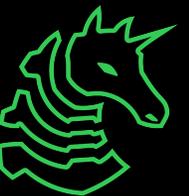
Welcome new members!

- We will NOT be covering the same material as last semester
 - Check recordings & challenges - sigpwny.com/meetings
- Introduce yourself to the people around you!



Opportunities

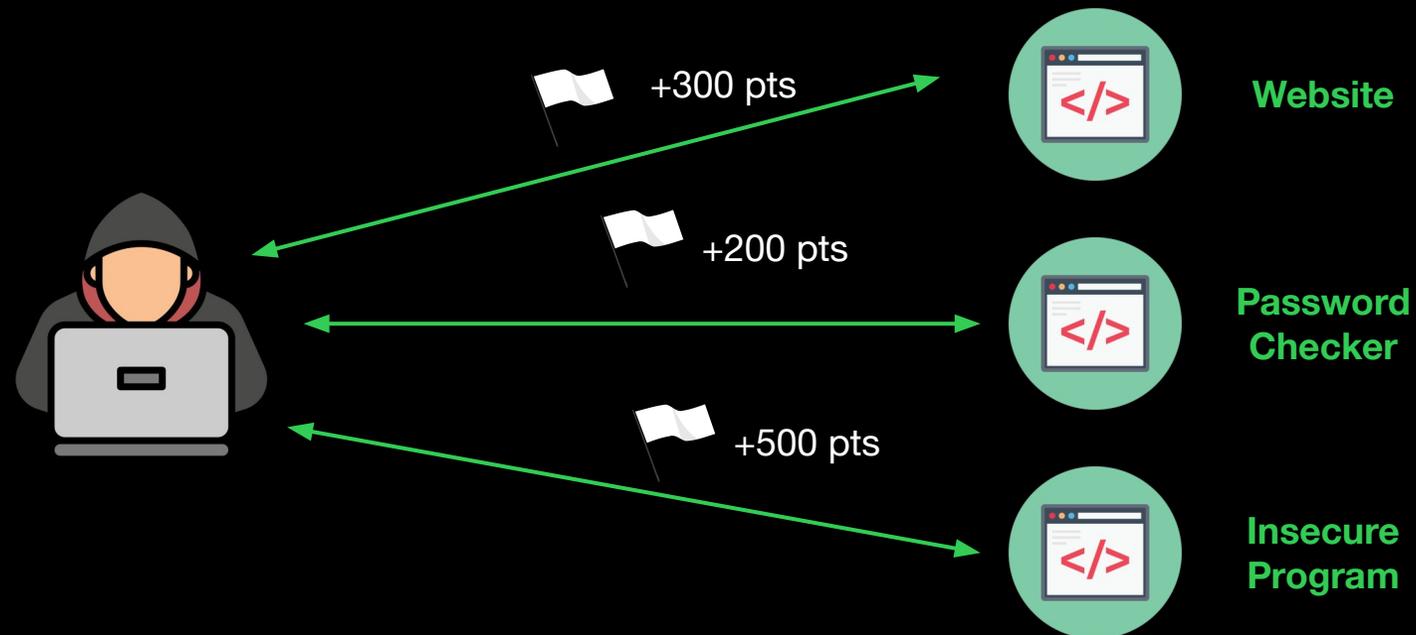
How to get involved with SIGPwny!



Capture the Flag (CTF)



- Cybersecurity competition
- Compete against other teams
- "Jeopardy style" - hack the most (and hardest) things to win

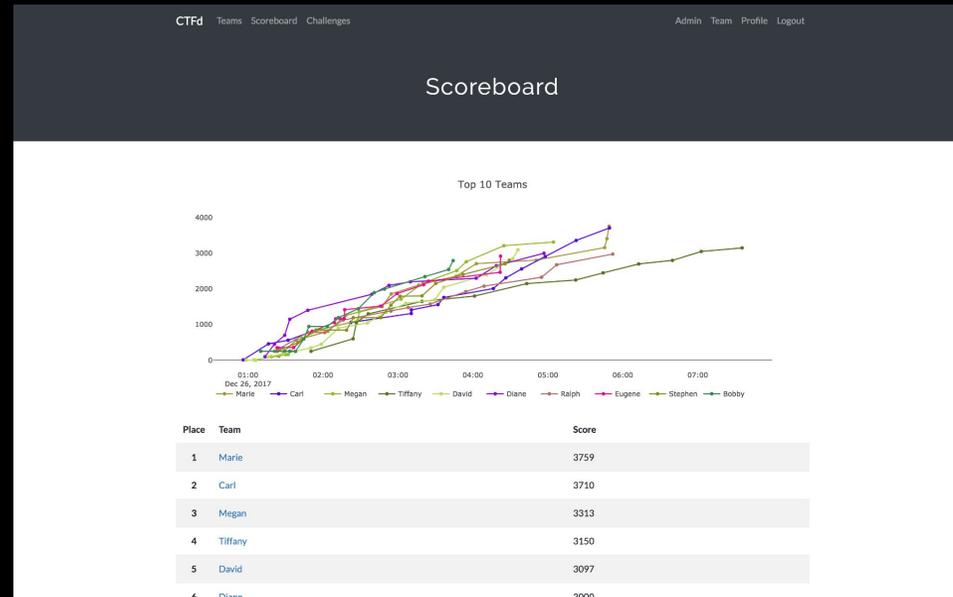


Capture the Flag (CTF)

- The best way to practice your security knowledge!
- We participate in various CTFs hosted by other teams
- Pwny CTF is our internal, 24/7/365 CTF with a leaderboard to compete with friends!

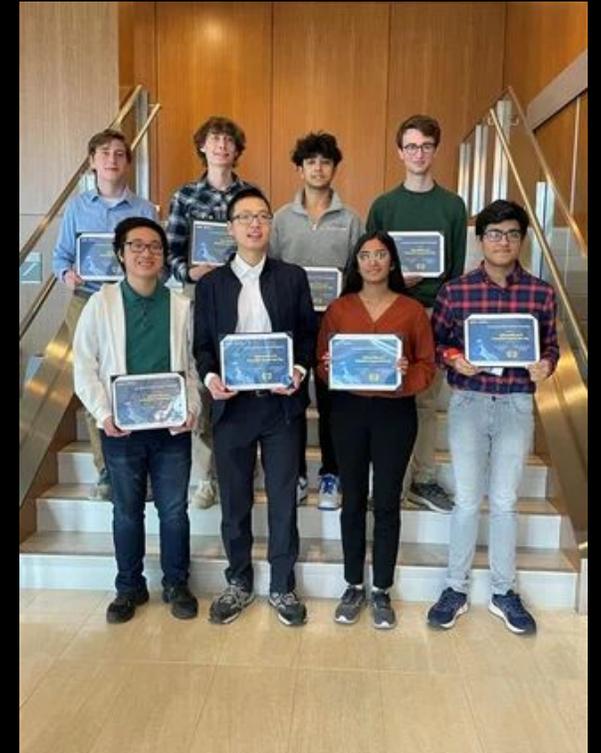
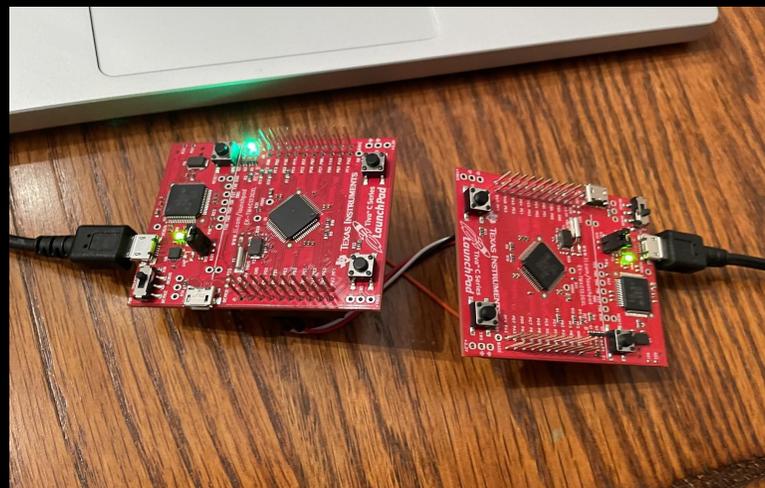
ctf.sigpwny.com

Sign up now!



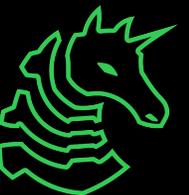
eCTF

- Semester-long "Embedded CTF"
- Design and hack embedded systems
- Challenge changes every year
 - Last year, it was a car and key fob system
 - This year is building a framework for medical devices



eCTF

- Design, develop, and attack secure embedded systems
 - C/Rust 🦀 for firmware
- No prior embedded experience expected
- Semester long (Jan–Apr)
- Optional 1 credit hour course
- Second meeting Saturday, January 20th at 5pm in ECEB 2015
- Not too late to sign up!
 - Message @Minh/@whitehoodhacker on Discord to get the eCTF role



eCTF

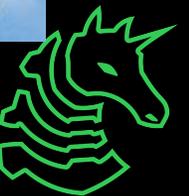


3rd place and a trip to DC!



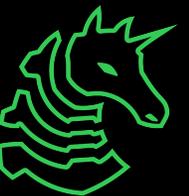
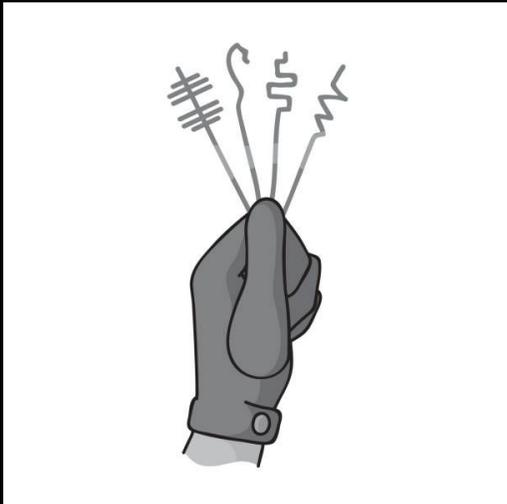
UIUCTF (Spring/Summer 2024)

- Our global CTF event for the larger security field
- Design challenges for hundreds of people to solve
- Show off what you've learned and give back to the security education community



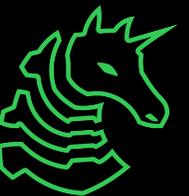
Lockpicking Socials

- They will be happening again!
- Probably doing once every two weeks
- Currently no time secured, will send out a when2meet for people with the lockpicking role on Discord



More Opportunities

- Run a meeting!
 - Great experience
- SIGPwny Projects
 - Discord Bot, Website, CTF Platform Improvements



Next Meetings

2024-01-21 - This Sunday

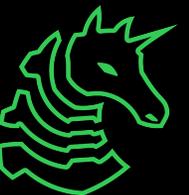
- Hot cocoa social
- Check Discord for details

2024-01-25 - Next Thursday

- ACM Open House 5-9PM @ CIF
- No meeting

2024-01-28 - Next Sunday

- Mastering Editors
- Become a {vim, emacs, nano} power user!



Thank you! Any questions?

**Meeting content can be found at
sigpwny.com/meetings.**

