Whitehatters
Computer Security Club

University of South Florida
http://whitehatters.org
Who we are

- WCSC is a student led organization of computer security enthusiasts
- Undergrads and grads
- All majors and classes welcome
- No formal membership requirements or dues
- Weekly meetings are open to any USF student
Officers for 2017

- President
  - Brad Daniels (@brad_d)
- Vice President
  - Farooq Shaikh (@bao)
- Secretary
  - Patricia Wilthew (@patrixia)
- Treasurer
  - Kyler Clonts (@kclonts)
- Blue Team Captain
  - Jordan Bermudez (@silexone)
Faculty Advisors

- Dr. Simon Ou
  - Associate Professor in CSE Department
  - Conducts cybersecurity research, teaches cybersecurity classes at USF

- Dr. Nathan Fisk
  - Assistant Professor of Cybersecurity Education
  - Researches STEM education
What we do

- Offense
  - Capture the Flag
- Defense (Blue Team)
  - Cyber Defense Competitions
Capture the Flag

- Team based computer security competition that can take on several different formats
- Some are online-only, some are in-person only
- Must recover and submit a “flag” string for points
CTF Example
Cyber Defense Competitions

- Each team is given a network of computers running common enterprise software like a Windows Domain, DNS, firewalls, web servers, etc.
- “Blue Team” (us) must secure network and defend against incoming attacks
- “Red Team” of attackers are professional penetration testers.
- SECCDC in February
Weekly Meetings

- Friday 5 pm: Offensive Meeting
- TBA: Defensive Meeting
BullSync

- Get updates about weekly meetings, including changes
- Jobs, other cool news
- 1-3 emails per week
Slack

- Our primary communication channel
- [https://wcscusf.slack.com](https://wcscusf.slack.com) to join
- Lots of USF/WCSC alumni active and willing to help you
CTF Board

- https://ctf.wcsc.usf.edu/
- Whitehatter created CTF challenges
- You’re encouraged to create challenges!
- The authors are on Slack. They might give you a hint if you’re stuck.
GitHub

- Old presentations
- CTF writeups
- https://github.com/wcsc
Networking Opportunities

- Food and drinks after the Friday meeting
- CigarCitySec
- Industry speakers coming in
- Slack / IRC
DEFCON

- August 9th-12th @ Caesar's Palace, Las Vegas, NV

- Last year the club funded airfare, hotel, and registration for 8 WCSC members who participated in a summer camp project we worked on
0x28 Council

- Designation for active members of the club
- Requirements:
  - Publish a write-up of a challenge from a major CTF
- Perks:
  - Name and photo published on our website (if you wish)
  - Access to Hackerspace
Hackerspace

- Our own room on campus!
- Contains our server rack and computing infrastructure
- Cool place to hang out
How Do I Get Started?

- Get on BullSync
- Get on Slack
- Come to weekly meetings
- New Members Guide
- Ask questions!

- Questions?