Open Source Role in Cyber Competition & Education
About Me

Entered education in 2006
Began working with cyber competitions in 2013
Speaker at various events
Taught cyber competition classes
Pre-existing Issues

- Misunderstanding key terms such as "hacking."
- Schools are not prepared to teach this level of knowledge.
- Students lack soft-skills.
- Students hunger for knowledge that they do not know where to get.
Schools can do more outreach.

Educators can evolve.

Companies can mentor and nurture growth.

Companies can provide training for future workforce.
Competitions

- CyberPatriot
- National Cyber League
- National Collegiate Cyber Defense Competitions
- CSAW CTF
- SaiberStorm
- B-Sides CTF
SCaLE CTF

- Composed of two components
  - System harden a Linux image
    - Practice sys admin skills to secure an Ubuntu image.
  - FacebookCTF
    - King of the hill format where participants will answer various questions and decrypt various messages.
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