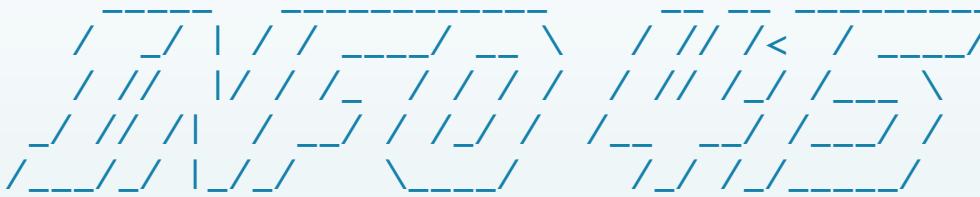




Web Application Security



Andrew McKenna





No one knows everything. Myself included.

I will be working full time.



WHEN IN DOUBT..

GoogleTM

(c) happii.tumblr.com



Github

- ▶ We will use Github for class materials
- ▶ File issues, enhancements, questions
- ▶ Use Github to build and display your work
- ▶ Canvas for submitting assignments
- ▶ Demo?



The Landscape

Malware

Network &
Infrastructure

Application
Security

Physical
Security

Policy &
Compliance

Exploit
Development

Forensics

Data
Analytics

Legal



Sources of Security News & Learning

- ▶ Twitter unfortunately
- ▶ <https://reddit.com/r/netsec>
- ▶ <https://news.ycombinator.com/>
- ▶ <http://www.securitytube.net/>
- ▶ <http://opensecuritytraining.info/Training.html>
- ▶ <https://www.youtube.com/user/DEFCONConference/videos>
- ▶ <https://recon.cx/2014/archive.html>
- ▶ <https://www.alchemistowl.org/pocorgtfo/>
- ▶ <http://magazine.hitb.org/hitb-magazine.html>

Responsible Disclosure

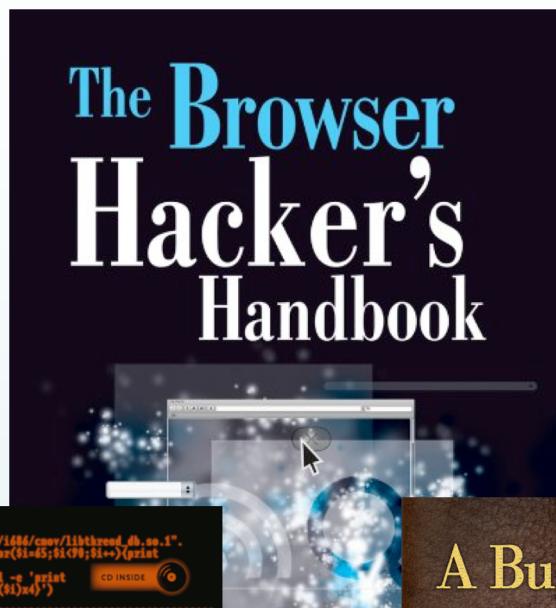
- ▶ Absolutely no full disclosure in this class
- ▶ Legal quicksand
- ▶ Be careful how you find and prove vulnerabilities



Tips & Tricks

- ▶ Stay away from automated tools
- ▶ Keep your eyes open
- ▶ Send bad input
- ▶ Come up with favorite testing payloads
- ▶ Develop an sense for it

Books



A Bug Hunter's Diary

A Guided Tour Through the Wilds
of Software Security

