Why?

"Malicious Software and its Underground Economy"

joint work with *Omar Abou Selo* (undergrad at CMU) in 2014

Original research problem

➡ how easy is it to hire a hacker or get cutting-edge hacking tools on the internet (hacker's forums)?

Conclusion

➡ creating a new malware is as simple as assembling pieces available online

How to create a new malware? 3 step process

1. Create the malware's payload

2. Make the malware undetectable

3. Spread the malware