

# Ethical Student Hackers

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An Introduction to our Society

[www.shefesh.com](http://www.shefesh.com)

# Who we Are

## About Our Society

- We formed in 2018
- We meet every Monday, 18:00 - 20:00
- We deliver regular sessions covering a variety of cybersecurity topics - right from the theory, to applying it to ethical hacking!



# What we Do

## Theory sessions and live demos

- We host sessions every Monday between 18:00 and 20:00 on Blackboard Collaborate that include theory as well as walkthroughs and live demos.

## Worksheets

- After our sessions we release optional worksheets that can help you further learn about content that we have covered - in your own time, at your own pace.

## Guest talks

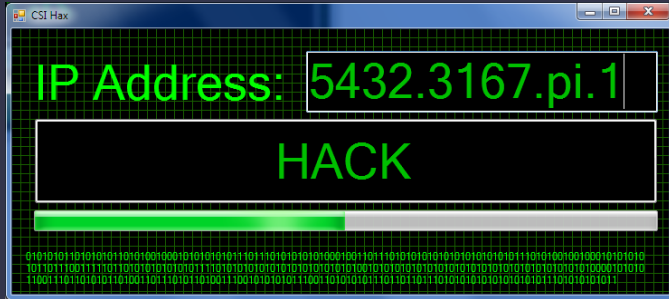
- There will be guest talks from industry specialists such as YHROCU (Yorkshire and Humber Regional Organised Crime Unit).

# What is Hacking?

What hacking isn't:

What it is:

- lots of googling, experimentation, reading code, and fast learning!
- lots of patience, curiosity, and persistence
- lots of new skills - reconnaissance, enumeration, and persistence on a target



```
root@kali: ~/Desktop
File Edit View Search Terminal Help
msf > use exploit/windows/dde_delivery
msf exploit(dde_delivery) > info

Name: Microsoft Office DDE Payload Delivery
Module: exploit/windows/dde_delivery
Platform: Windows
Privileged: No
License: Metasploit Framework License (BSD)
Rank: Normal
Disclosed: 2017-10-09

Provided by:
mumbai

Available targets:
Id Name
-- --
0 Automatic

Basic options:
Name Current Setting Required Description
-----
SRVHOST 0.0.0.0 yes The local host to listen on. This must be an address on the lo
ca machine or 0.0.0.0
SRVPORT 8080 yes The local port to listen on.
SSL false no Negotiate SSL for incoming connections
SSLCert no Path to a custom SSL certificate (default is randomly generate
d)
URIPATH no The URI to use for this exploit (default is random)

Payload information:
```

# Meet the Committee

## President

### Nick

Nick is a 2nd-year Software Engineering student. He enjoys computer networking, cyber security and sailing



## Vice-President

### Mac

Mac is a 3rd-year Computer Science Student, currently on a Year in Industry. He likes building tools, applying automation and AI to cybersecurity, and scouting



## Secretary

### Chloe

Chloe is a Computer Science student currently on her Year in Industry. Her interests include web scraping, event organisation and cycling.



## Treasurer

### Brooks

Brooks is a 2nd-year Molecular Biology student who enjoys pretending to be a computer scientist and breaking Linux systems (occasionally intentionally)



## Inclusion Officer

### Sohyun

Sohyun is a final year software engineering student. She enjoys web development and cyber security.



# Our plan for the year

## Engagement

- More interactive sessions
- Better learning curve

## Publicity

- Increase our presence on social media
- Post lots of useful resources
- Maybe even some Cyber blogs!

## Accessibility

- We cater to newcomers as well as advanced hackers
- No matter your skill set we should have something to keep you entertained with!
- There will be plenty of slides and extra resources on our site

## Industry Links

- We are growing our industry links this year
- We're looking to partner with the best cyber security organisations for job opportunities and industry talks!

# Upcoming Sessions

What you can expect in the first few weeks

Juice Shop

Basics of Linux

Juice Shop (again!)

Special Guest Talk

Automation in Python

# Join us!

Get yourself a membership here:

<https://su.sheffield.ac.uk/activities/view/ethical-student-hackers-society>

Or search for 'Ethical Hackers' on the SU website

Our memberships:

- Mailing list Only: £0.00
- 1 Year membership: £4.00
- 2 Year membership: £7.00



# Any Questions?



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