

White **hacking** profession



Trainers for today

Egor Bogomolov

- Founder & CEO: Singleton Security (<https://singleton-security.ru/>) & CyberED (<https://cyber-ed.ru>)
- Expert with 7 years of experience, winner of international competitions (The Standoff, HackQuest), holder of OSCP, CEH, Burp Suite certificates
- Specialist in Pentesting and Application Protection, vice-captain of the True0xA3 team
- Telegram channel: @YAH_Channel
- Contact me: @empty_jack



Trainers for today

Ivan Spiridonov

- Senior Specialist Singleton Security
- Areas of professional interest: Pentest, RedTeam, Physical Pentest
- Telegram channel: https://t.me/fck_harder
- Contact me: @e1tex, @post_gatto



About the profession

How do ethical hackers work?
What purposes do they fulfill?
Why does it matter to companies?



Course Objective:



To train aspiring professionals

to solving the challenges of ethical hacking through simple examples, practices and cases that will demonstrate step-by-step and visualize how to achieve the goals of ethical hackers.



Show the listener how to develop in the field:


not only through mastering point technical tools, but also through the principles and training of the hacker's mindset, professional sites and platforms, studying the phenomena and paradoxes encountered when solving hacking tasks

What professional tasks a student will be able to perform after of taking the course?


- Simulate attacks on IT infrastructure
From primary access attacks to domain controller management takeovers
- Utilize tools and frameworks for exploiting individual vulnerabilities to simulate software attacks
- Use traffic analysis tools and debug client-server communication
- Enhance their privileges in information systems, websites, operating systems, network infrastructures.



FIRST WEEK

ARRIVAL DAY Saturday, 26 July	DAY 8 Sunday, 27 July	DAY 1 Monday, 28 July	DAY 2 Tuesday, 29 July	DAY 3 Wednesday, 30 July
Participant's registration PHC Reception	7:00-11:00 Breakfast Niccolo restaurant	7:00-10:00 Breakfast Niccolo restaurant	7:00-10:00 Breakfast Niccolo restaurant	7:00-10:00 Breakfast Niccolo restaurant
	10:00 Departure from the hotel Moscow sightseeing excursion	11:00 Opening ceremony Shanghai Hall	10:00 Class: Hacking web applications Shanghai	10:00 Class: Exploit known vulnerabilities in network services Shanghai
			11:30 Coffee break Shanghai Hall	11:30 Coffee break Shanghai Hall
		13:00 Class: White Hacking. Exploration in the customer's external infrastructure Shanghai	12:00 Class: Hacking web applications Shanghai	12:00 Class: Exploit known vulnerabilities in network services Shanghai
14:00-16:00 Lunch Niccolo restaurant			14:00 Lunch Niccolo restaurant	14:00 Lunch Niccolo restaurant
	15:00 Lunch Niccolo restaurant	15:00 Lunch Niccolo restaurant	15:00 Class: Hacking web applications Shanghai	15:00 Class: Exploit known vulnerabilities in network services Shanghai
		16:00 Class: Social Engineering Shanghai		
	18:00 Arrival at the hotel	18:00 Free time for self study	17:00 Experts of PT: a talk about Hackers Shanghai	17:30 Departure from the hotel Dinner at Ostaninskaya tower
19:00-21:00 Dinner Niccolo restaurant		19:00-21:00 Dinner Niccolo restaurant	19:00-21:00 Dinner Niccolo restaurant	
	19:30 Welcome buffet dinner Shenzhen			
7:00-23:00 Playroom available Huanghe	7:00-23:00 Playroom available Huanghe	7:00-23:00 Playroom available Huanghe	7:00-23:00 Playroom available Huanghe	7:00-23:00 Playroom available Huanghe

FIRST WEEK

DAY 4 Thursday, 31 July	DAY 5 Friday, 1 August	DAY 6 Saturday, 2 August	DAY 7 Sunday, 3 August
7:00-10:00 Breakfast Niccolo restaurant	7:00-10:00 Breakfast Niccolo restaurant	7:00-11:00 Breakfast Niccolo restaurant	7:00-11:00 Breakfast Niccolo restaurant
10:00 Class: Securing access (C2) Shanghai	10:00 Class: Privilege escalation on server systems Shanghai		
11:30 Coffee break Shanghai Hall	11:30 Coffee break Shanghai Hall		
12:00 Class: Securing access (C2) Shanghai	12:00 Class: Privilege escalation on server systems Shanghai		
14:00 Lunch Niccolo restaurant	14:00 Lunch Niccolo restaurant	14:00-16:00 Lunch Niccolo restaurant	14:00-16:00 Lunch Niccolo restaurant
15:00 Class: Securing access (C2) Shanghai	15:00 Class: Privilege escalation on server systems Shanghai		
		15:30 Departure from the hotel Excursion to Cyberdom Boat tour and dinner	
17:00 PT experts: Defending 101			
	17:30 Departure from the hotel VDNKH tour and dinner at "Moscow sky" restaurant		
19:00-21:00 Dinner Niccolo restaurant			19:00-21:00 Dinner Niccolo restaurant
7:00-23:00 Playroom available Huanghe	7:00-23:00 Playroom available Huanghe	7:00-23:00 Playroom available Huanghe	7:00-23:00 Playroom available Huanghe

SECOND WEEK

DAY 7
Monday, 4 August

7:00-10:00
Breakfast
Niccolo restaurant

10:00
Class: Going beyond the DMZ
Route network traffic
Shanghai

11:30
Coffee break
Shanghai Hall

12:00
Class: Going beyond the DMZ
Route network traffic
Shanghai

14:00
Lunch
Niccolo restaurant

15:00
Class: Route network traffic
Shanghai

17:00
Free time for self study

19:00-21:00
Dinner
Niccolo restaurant

7:00-23:00
Playroom available
Huanghe

DAY 8
Tuesday, 5 August

7:00-10:00
Breakfast
Niccolo restaurant

10:00
Class: Privilege escalation on local
network nodes (OS Windows)
Shanghai

11:30
Coffee break
Shanghai Hall

12:00
Class: Privilege escalation on local
network nodes (OS Windows)
Shanghai

14:00
Lunch
Niccolo restaurant

15:00
Class: Privilege escalation on local
network nodes (OS Windows)
Shanghai

17:30
Experts of PT: ML masterclass
Shanghai

18:00
Free time for self study

19:00-21:00
Dinner
Niccolo restaurant

7:00-23:00
Playroom available
Huanghe

DAY 9
Wednesday, 6 August

7:00-10:00
Breakfast
Niccolo restaurant

10:00
Class: Network reconnaissance
and compromise of Windows
machines. Network infrastructure
management capture
Shanghai

11:30
Coffee break
Shanghai Hall

12:00
Class: Network reconnaissance
and compromise of Windows
machines. Network infrastructure
management capture
Shanghai

14:00
Lunch
Niccolo restaurant

15:00
Class: Network infrastructure
management capture
Shanghai

17:00
Free time for self study

19:00-21:00
Dinner
Niccolo restaurant

7:00-23:00
Playroom available
Huanghe

DAY 10
Thursday, 7 August

7:00-10:00
Breakfast
Niccolo restaurant

10:00
Class: Countering detection and
responses. White Hat Hacker's
roadmap
Shanghai

11:30
Coffee break
Shanghai Hall

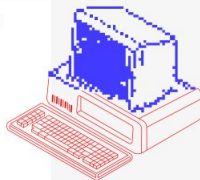
12:00
Final examination
Shanghai

14:00
Lunch
Niccolo restaurant

15:00
Final examination
Shanghai

19:00-21:00
Dinner
Niccolo restaurant

7:00-23:00
Playroom available
Huanghe



SECOND WEEK

DAY 11
Friday, 8 August

7:00-10:00
Breakfast
Niccolo restaurant

10:00
Closing ceremony
Shanghai

14:00-16:00
Lunch
Niccolo restaurant

17:00
Departure from the hotel
"Made in Russia"
final party



DAY 12
Saturday, 9 August

7:00-10:00
Breakfast
Niccolo restaurant

14:00-16:00
Lunch
Niccolo restaurant

19:00-21:00
Dinner
Niccolo restaurant

DAY 13
Sunday, 10 August

7:00-10:00
Breakfast
Niccolo restaurant



The final exam will proof your hacker skills and give you a confirmation - CyberEd White-Hat Hacker (CEWH) Cert

- Individual Exam
- 5 hours
- 3 tasks
- Possibility to work with your buddie

Questions?

