

HACKPACK

Who am I?



HACKPACK

What is HackPack?

- Student group with interest in security
- Learn new security-related skills
- Practice your skills in CTFs
- Have fun!

What's a CTF?

- Capture the Flag
- Security-related competition
- Two formats:
 - Jeopardy
 - Attack/Defense
- Solve security challenges for points!
- Contained environment to exercise your security skills
- Fantastic way to learn about security problems in practice

DEF CON 26 CTF

- The largest, oldest and most l33t CTF in the world
- OOO team organized it this year (and for the next couple years at least)
- Winners get DEF CON black badges -> free DEF CON attendance for life!
- Quals in May -> 586 teams
- Finals in August -> 24 teams









Team

DEFKOR00T

PPP

HITCON

A*0*E

Sauercloud

Tea Deliverers

mhackeroni

binja

Dragon Sector

RPISEC

Samurai

BFS

C.G.K.S

PwnThyBytes

koreanbadass

0daysober

TokyoWesterns

r3kapiG

Spaceballs

hxp

KaisHack+PLUS+GoN

TeamBaguette

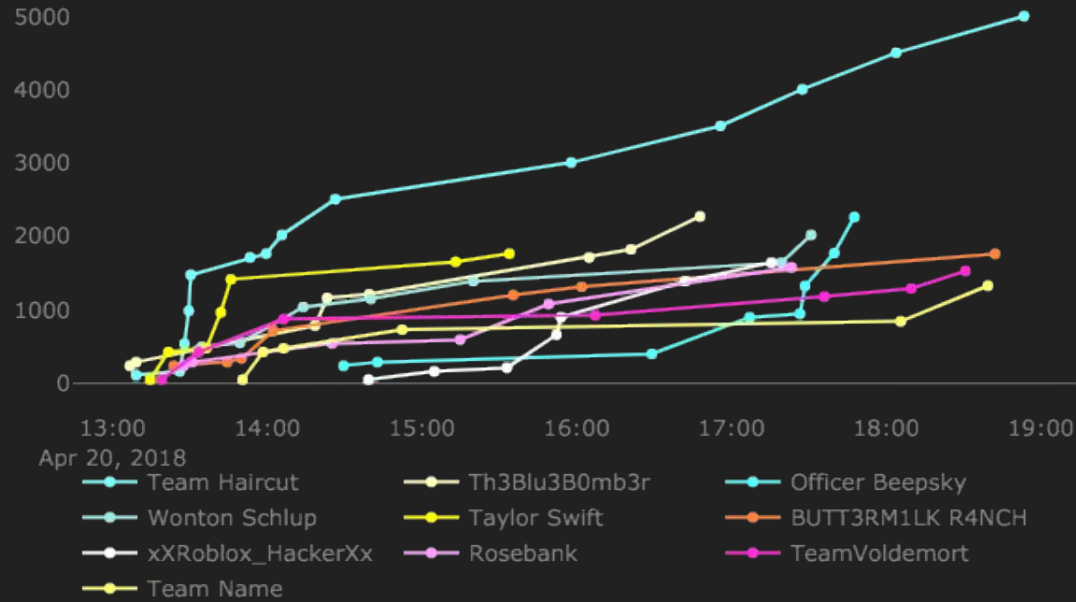
pasten

Shellphish

HackPack CTF

- Organized every year in the Spring semester by the core HackPack group
- Part of CSC-405 as homework
- Introductory CTF for students with no security experience
- A chance to get involved in organizing a CTF!

Top 10 Teams



Ethics - Avoid going to jail

- We are going to learn some offensive techniques that can cause damage

Never use these skills against any target without written permission

- **Pretty easy, don't do anything illegal!**
- Only try to find vulnerabilities in a system that has a bug bounty program

Bug Bounty Programs

- A number of web sites have started to offer Bug Bounty programs
- They will give you money or fame in exchange for reporting security vulnerabilities to them
- Make sure that they also give you permission, and make sure you understand what is in scope
- Google, Facebook, AT&T, Coinbase, Etsy, Github, Heroku, Microsoft, Paypal,
 - <https://bugcrowd.com/list-of-bug-bounty-programs>



Mark Zuckerberg



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Khalil



Mark Zuckerberg ✓

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18,821,144 Followers

About

🏢 **Founder and CEO at Facebook**
February 4, 2004 to present

🎓 **Studied Computer Science at Harvard University**
Past: Phillips Exeter Academy and Andover High School

🏠 **Lives in Palo Alto, California**

📍 **From Dobbs Ferry, New York**



Khalil shared a link.
about a minute ago

Dear Mark Zuckerberg,

First sorry for breaking your privacy and post to your wall , i has no other choice to make after all the reports i sent to Facebook team .

My name is KHALIL, from Palestine .
... See More

Recent

2013

2012

2011

2010

2009

2008

2007

2006

2005

2004

2002

2000

1998

Born

Required skills

- No security background?
 - Linux?
 - Operating Systems?
 - Assembly?
 - Mad Python/Programming skillz?
- Willingness to take a deep dive and understand things in depth

HackPack format for Spring'19

- Learn: One day is going to be dedicated in learning
 - Probably Wednesday
 - Cover a wide range of security topics
- Practice: use your new skills/knowledge
 - Play CTFs together (free food!)
 - Work on challenges from previous CTFs
 - Post-mortems: How did one of us approached a specific challenge and how did others solve it? (write-ups can be a fantastic way to improve your skills and learn new things!)

For more information

<https://hackpack.club/>

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