

# GREPSEC V

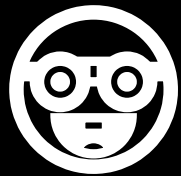
My Journey from Engineer to Hacker



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@247arjun

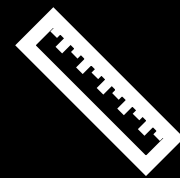
# <https://about:me>



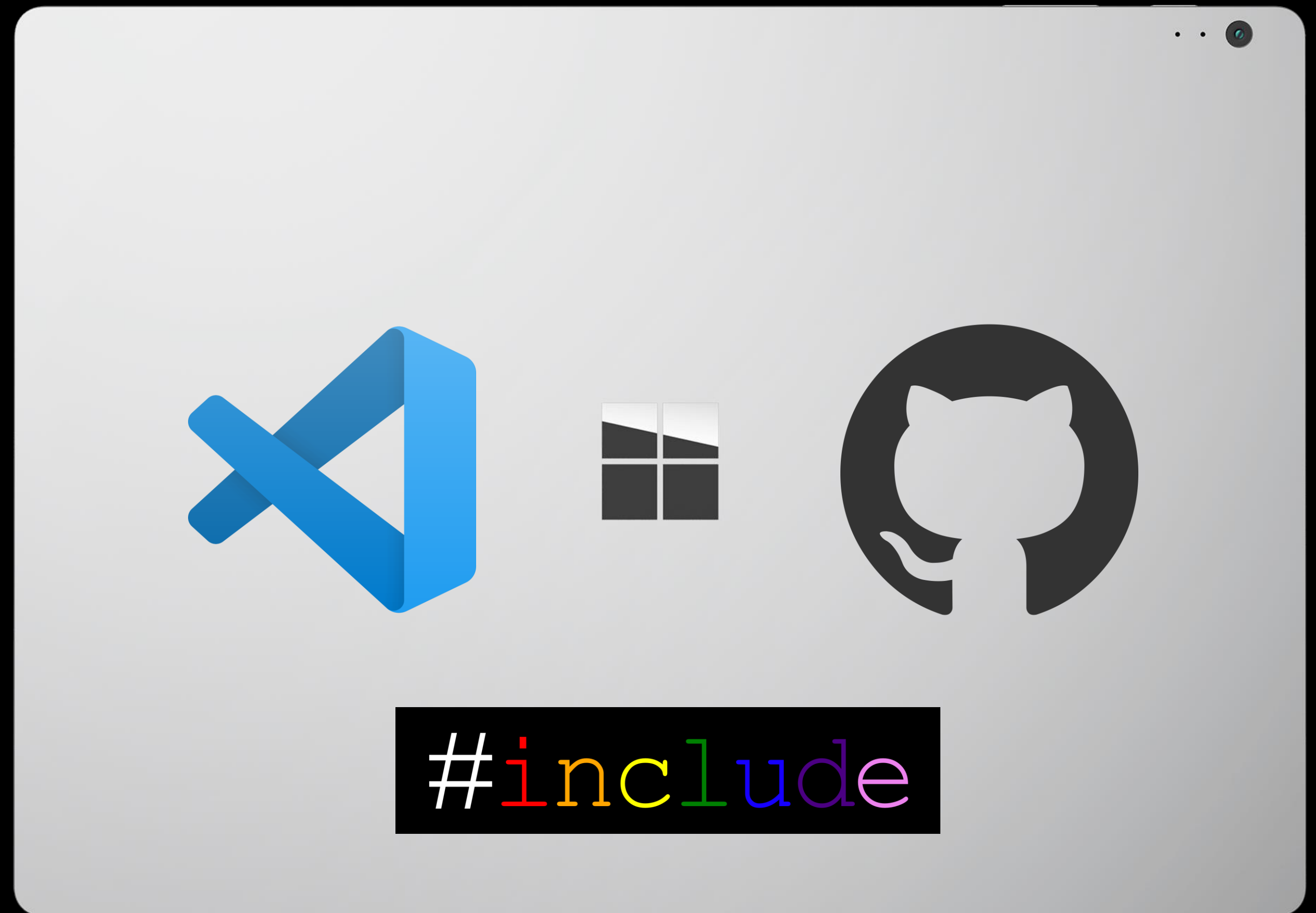
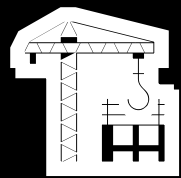
- I discovered my hacker mindset in high school when I got curious about how PC game cracks and keygens worked, and I haven't stopped hacking ever since. I love learning and sharing (which admittedly is a bit of a challenge, being somewhat of an introvert).
- I am currently an engineer at Microsoft who is seriously passionate about security, working on keeping our customers protected and productive.
- In my spare time, I read (a lot), game and hack. You can find me on Twitter (@247arjun) sharing snark, thoughts and learnings.



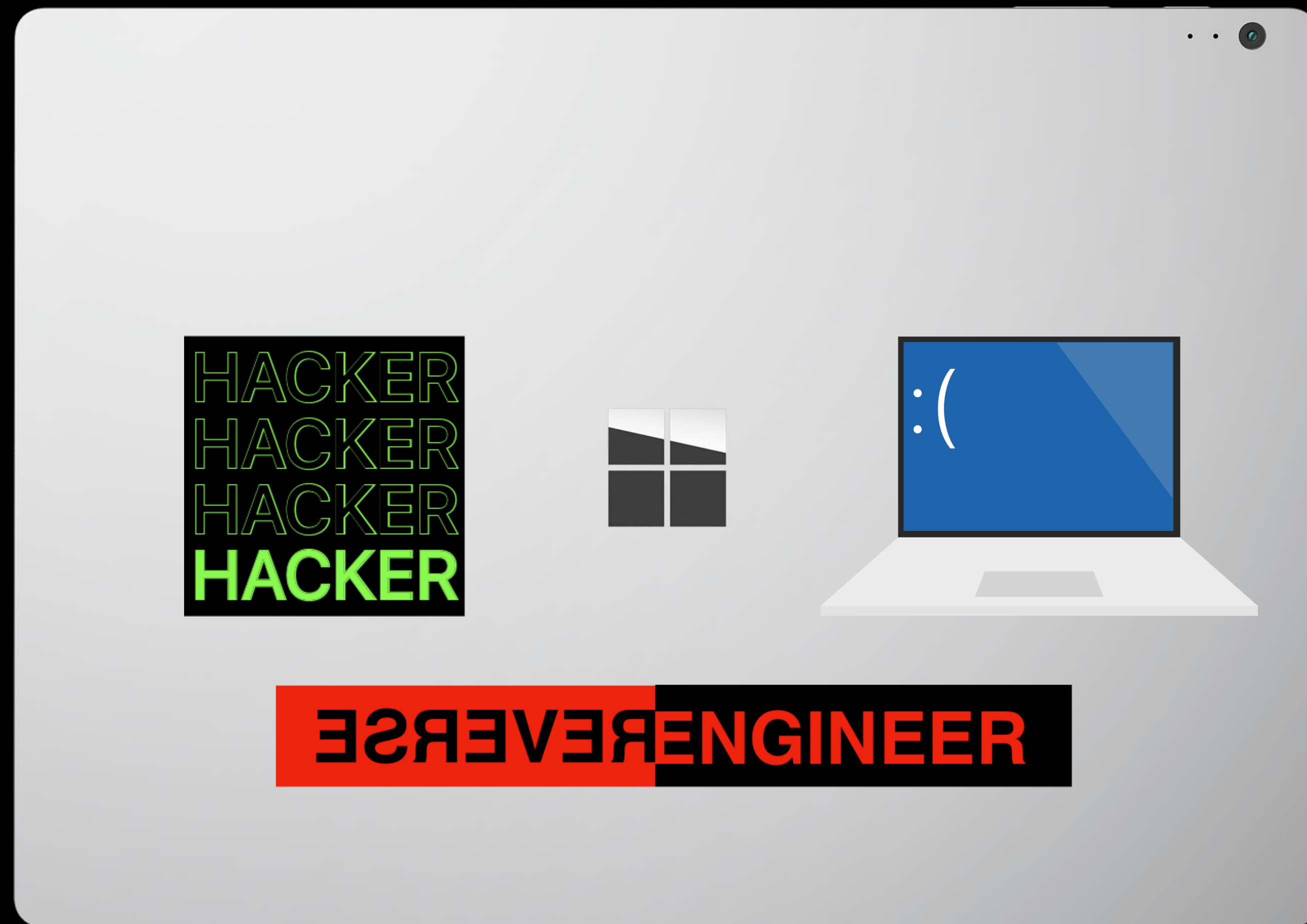
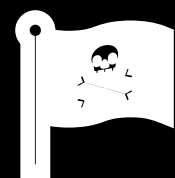
# My Journey



# Engineer



# Hacker





# Home Lab





# Home Labs



- Virtual Machines
  - Metasploitable
- Vulnerable Web Apps
  - Juice Shop
- CTFs
  - TryHackMe, HackTheBox
- DIY



# Certs

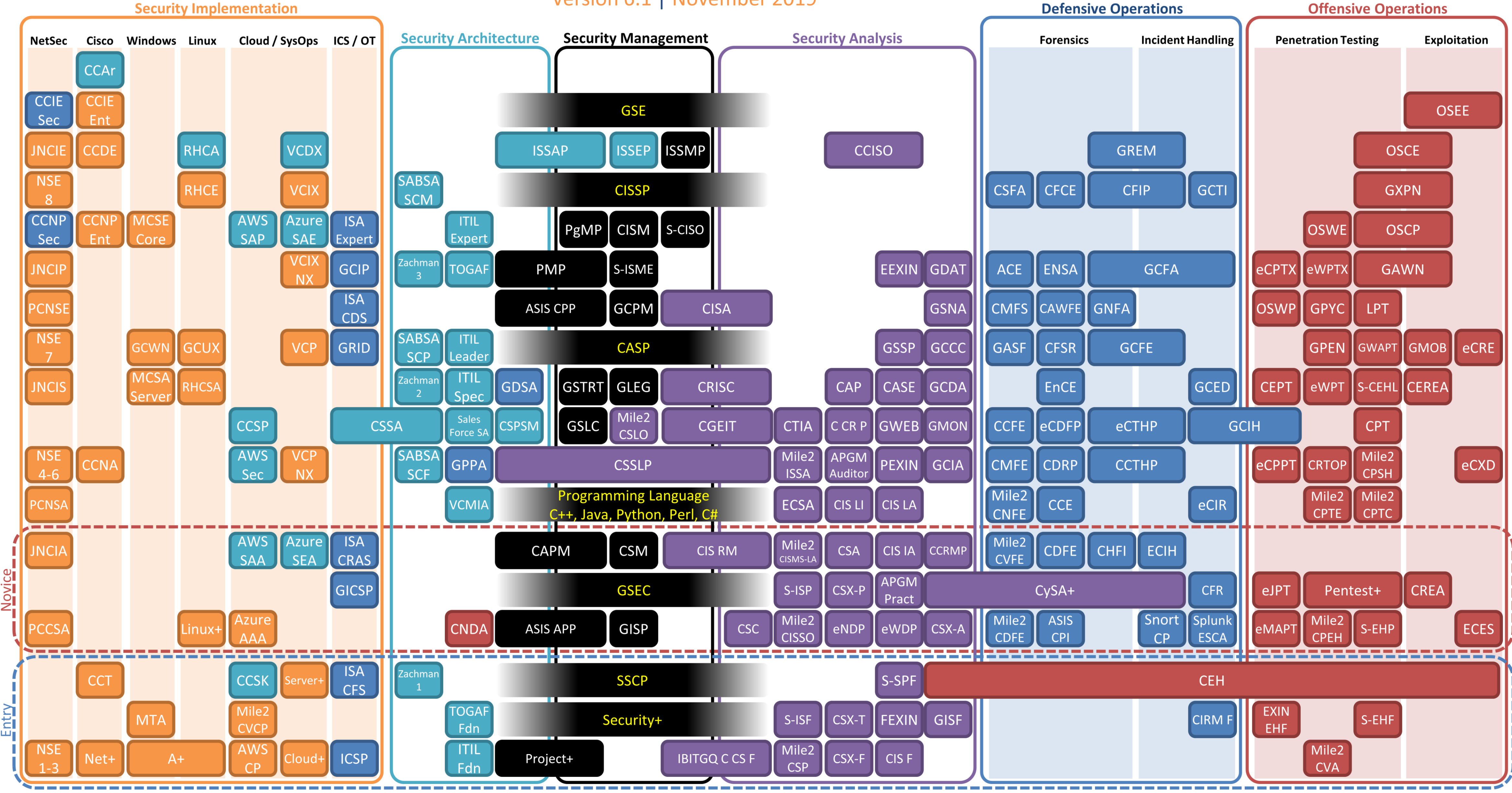




# Security Certification Progression Chart

**CORE** Certification that fits in all categories of information security.

Version 6.1 | November 2019



# Talks





# Talks



- DEF CON (this weekend)
- Internal tech-talks



# Conferences





# Conferences

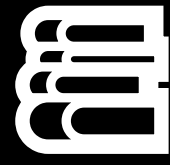


- DEF CON (August - this weekend)
- KringleCon (end of December)
- GRIMM Con (March)
- IntroSecCon (April)
- Circle City Con (June)
- Local BSides





# Books





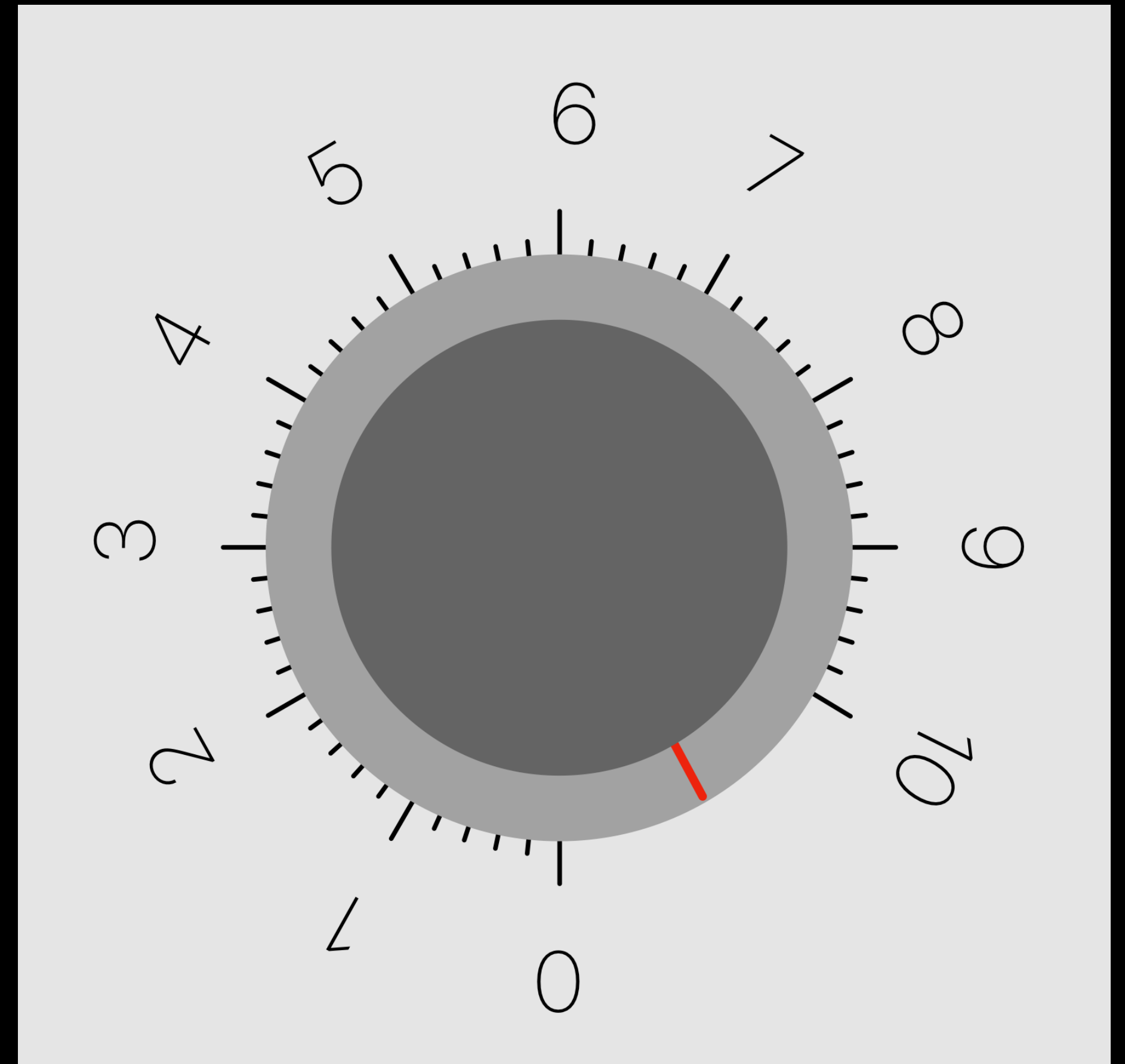
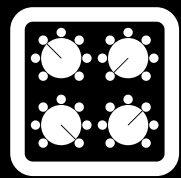
# Books



- Penetration Testing: A Hands-On Introduction to Hacking – Georgia Weidman
- Alice and Bob Learn Application Security – Tanya Janca
- The Tangled Web, Silence on the Wire – Michal Zalewski
- Practical Malware Analysis – Michael Sikorski
- The Shellcoder's Handbook – Chris Anley
- The Web Application Hacker's Handbook – Dafydd Stuttard

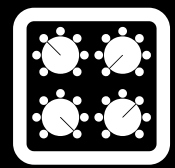


# Turn It Up





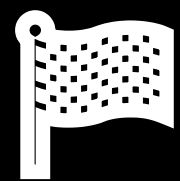
# Turn It Up



- Open-Source Contributions
  - Existing projects
  - New contributions
- Write-ups
  - Course notes
  - Independent research
- Fun stuff



# Getting There



DOMINO'SPIZZAMENUCOUPONSTRACKERVIEW ORDER

## DOMINO'S TRACKER®

1  
ORDER PLACED

2  
PREP

3  
BAKE

4  
QUALITY CHECK

5  
READY FOR PICKUP

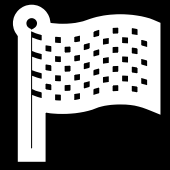
PATENT PENDING

*Some guy named Jim just took your order. We're not really sure if he works here. At 8:42*





# Getting There



- Dream
  - I want to be a hacker at Microsoft
- Plan
  - I need to get experience in Web App security
- Execute
  - Reading, CTFs/labs, certs, talks, “turn it up”
- Deliver

