

So, Can You Tell Me More About Cyber Security?

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What I think of Cyber Security



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COOKIE JAR

ME

EVERYTHING I KNOW
ABOUT EVERYTHING

CAT BECAUSE

To succeed in life you'll need
all the help you can get

What I Have Seen Of Cyber Security In Practice

- Web Applications
 - Our interactive exercise will scratch this briefly
- Software Analysis
 - Trying to make software misbehave
 - Reverse Engineering
 - Malware Analysis
 - “Hacking Siri”: <https://www.youtube.com/watch?v=21HjF4A3WE4>
- Red Team vs Blue Team
 - Offensive Security - role-playing the bad guy to help the good guys
 - Defensive Security - the good guys

What Else I Know Is Cyber Security

- Hardware Analysis
 - Side-channels
 - <https://www.infoq.com/news/2018/11/gpus-side-channel-vulnerable>
 - Tampering
 - <https://www.theverge.com/2018/10/9/17955848/supermicro-telecom-server-hack-apple-amazon>
- A Lot of Network Stuff I don't Fully Understand
 - Well, Internet is probably the biggest thing
 - And Internet of Things is probably a new thing in the big thing
 - Big, new things are generally full of holes
- A Lot of Other Stuff I Have no Clue About
 - I'm just one person, and no one person can know it all.

Is This Something I Would Want To Do Everyday For The Rest Of My Life?

- Try out some Wargames:
 - <http://www.overthewire.org/>
 - <http://captf.com/practice-ctf/>
- Read up on news:
 - <https://www.thecyberwire.org>
 - ArsTechnica, etc.
 - WIRED is very good if you're new to Tech
- Or Listen to it:
 - The Cyberwire podcast
 - Just Google "Top ten cyber security podcasts" and subscribe to the one that has the coolest name `_(ツ)_/`