THE WORLD OF

-CYBER-INFOSEC

DISCLAIMER



Opinions are my own and not the views of my employer

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01

INTRODUCTION

Who am I? Why am I here?



MANGATAS



/IN/TONDANGMANGATAS in

Senior Consultant, Big 4
~4 Years Professional Career in Infosec

Sheridan College Alumni
Information Systems Security

LEFT EVERYTHING BEHIND FOR INFOSEC? KINDA...

Indonesia Canada







IMPORTANT COURSES

IN MY OPINION

1

PROGRAMMING/SCRIPTING

EVERYTHING needs to be automated

4

DETECTION AND PREVENTION, FORENSIC AND MALWARE ANALYSIS

Defensive operation

2

MATH/CRYPTO

EVERYTHING is based on math

5

ATTACK AND EXPLOITATION

Offensive operation

3

NETWORKING

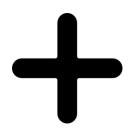
EVERYTHING is connected

6

DATABASE

We are 24/7 playing with data

SUPPLEMENTAL ELEMENTS



1 HOBBY

InfoSec is heavy and taxing

3 CO-OP

It's hard to break in

2

LIKE MINDED FRIENDS

Walk and grow together

4

ELECTIVES COURSES

Help you to write better, be more creative, think outside the box



CAREER



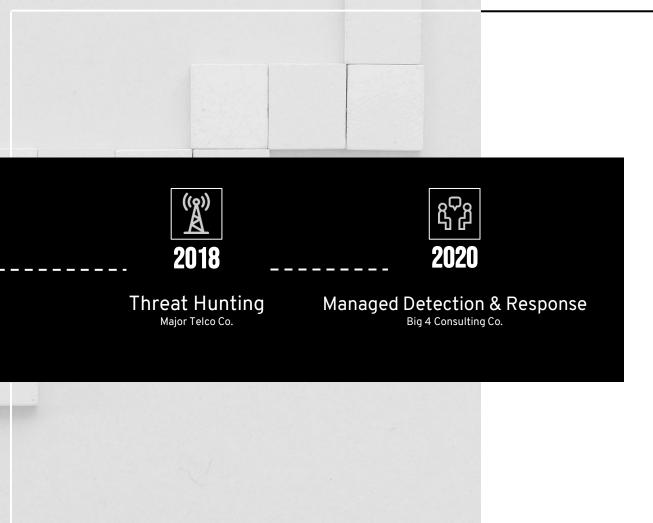


All Around Security

Health Tech Co. *co-op

Application Security
Major Insurance Co.

*co-op



CAREER

IS THERE INFOSEC WORLD

OUTSIDE WORK AND SCHOOL?

02

MY INFOSEC WORLD

My personal InfoSec world

MY INFOSEC WORLD



OUTSIDE LEARNING

Lot of places to gather more knowledge

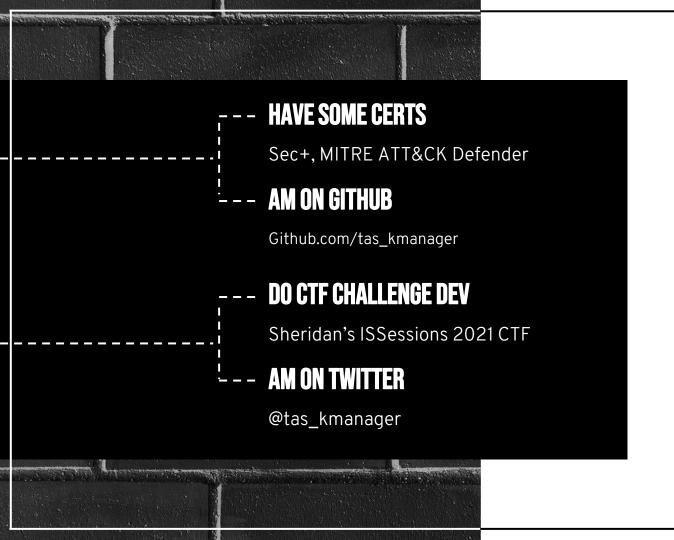
COMMUNITY

Main reason I am who I am today, both receiving and giving

Someone who already walked the path, who can give you insight

- Projects
- Twitter
- Blog Post
- Threat Intel Report
- GitHub (especially Awesome-X)
- Webinars and Workshops
- Conference
- CTF
- Learning Platform (HTB, SBT)
- Free Courses
- Paid Courses
- Certs???

OUTSIDE LEARNING



COMMUNITY

- Twitter
- Local InfoSec Meetup
- International InfoSec Meetup
- Discord/Slack
- Conference
- LinkedIn
- School/Alumni
- Project Based Community





MENTOR

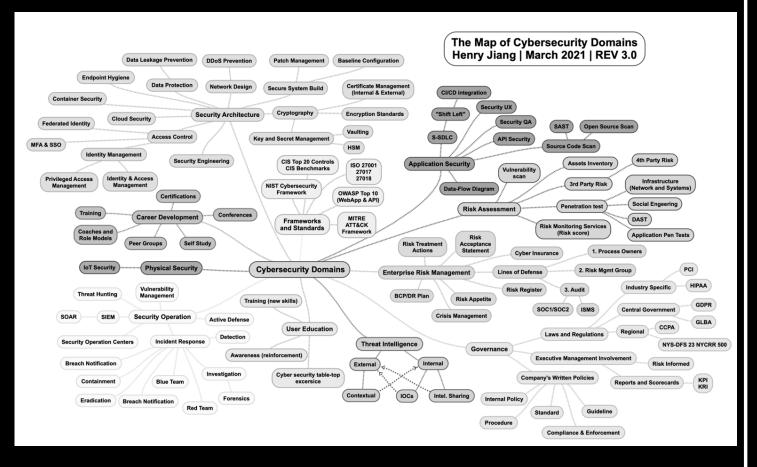
03

ADVICE

Some advices I would give to younger me

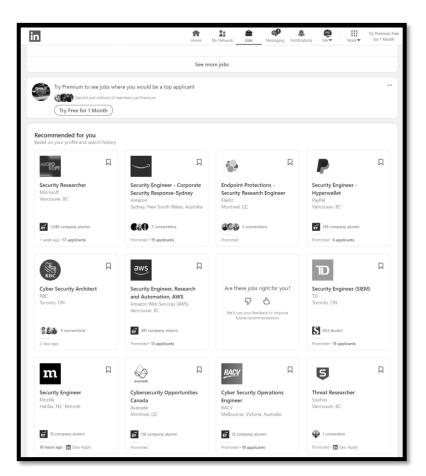
OPEN MINDED

ON YOUR CAREER PATH



AND!

- Know your strength and weakness
- Know what niche you want to explore
 - O Find job titles in that niche
 - O Find related business and companies
- Research what the role requirements
 - Online Job Postings
 - University Career Office
 - O Mentor
- Learn skills that you are missing
 - O There will always be a free option
 - O Update your CV (Resume), ask for feedback!



BE SOCIAL



SOCIAL MEDIA PRESENCE

LinkedIn and Twitter is a good start, this will help your job search and expanding network

"REAL" CONNECTION

Find a mentor, go to conferences (virtual/in person), go to meetup (like this one!)

JOIN ORGANISATION

Join open source projects, security community, etc.

INTERACT AND PARTICIPATE

Even as a beginner you can participate, volunteer your time, ask questions, play CTF or maybe present?

AND!

- These places can be use for learning too!
- Don't be shy! Everyone is learning
- The more, the merrier!









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SLACK



FOCUS ON NON-TECHNICAL TOO

HAVE FUN AND TAKE CARE OF YOURSELF



BURNOUT

Take occasional break from InfoSec. Burnout is far too common in this field.

INFOSEC-LIFE BALANCE

Do something outside of InfoSec. Let it be sports, cooking, arts, travelling, you will need one!



04

RESOURCES

Resources to help you navigate InfoSec World!

NEWCOMER CONFERENCES

SANS NEW TO CYBER SUMMIT

APR 21, 2021

REGISTER NOW

https://www.sans.org/event/newtocyber-summit-2021

PANCAKES CON

BSIDES LV - PROVING GROUND

https://pancakescon.com/

https://www.bsideslv.org/proving-ground/

STARTING UP GUIDE

ISSESSIONS'
THE WONDERFUL WORLD OF INFORMATION SECURITY

youtube.com

BLACK HILLS INFOSEC YT

youtube.com

AWESOME-INFOSEC

<u>awesome-infosec</u> <u>awesome-security</u>

DANIEL MIESSLER'S INFOSEC CAREER

danielmiessler.com

INFOSEC ADVICE TWITTER THREAD

twitter.com/j_opdenakker

@HACKS4PANCAKES' CAREERS AND EDUCATION RESOURCES

tisiphone.net

LOCAL CONFERENCES AND MEETUPS

SECTOR

https://sector.ca/

HACKFEST (QC)

https://hackfest.ca/

TORONTO AREA SECURITY KLATCH
(TASK)

https://task.to/

NORTHSEC (QC)

https://nsec.io/

BSIDES TORONTO

https://www.bsidesto.ca/

OWASP TORONTO

https://owasp.org/www -chapter-toronto/

THANKS

Do you have any questions?

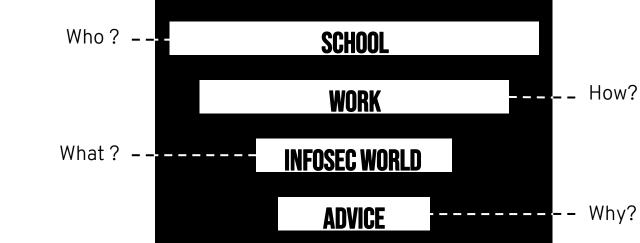
@tas_kmanager
/in/tondangmangatas





CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.

ABD





SLIDE & ADDITIONAL RESOURCES

SLIDE WILL BE AVAILABLE ON MY GITHUB

Scan barcode to visit my GitHub I will create a better, more comprehensive resources list soon! ©