

# Cyber Security Career for Children PT.1

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# ABOUT

- PDF created for parents to direct their children to an area that has growth potential for years to come
- PDF criado para os pais encaminharem seus filhos para uma área que tem potencial de crescimento por longos anos



# What is Cyber Security?

Cybersecurity is the practice of protecting critical systems and sensitive information from digital attacks. Also known as information technology (IT) security, cybersecurity measures are designed to combat threats against networked systems and applications, whether those threats originate from inside or outside of an organization.



# O que é cibersegurança?

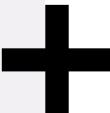
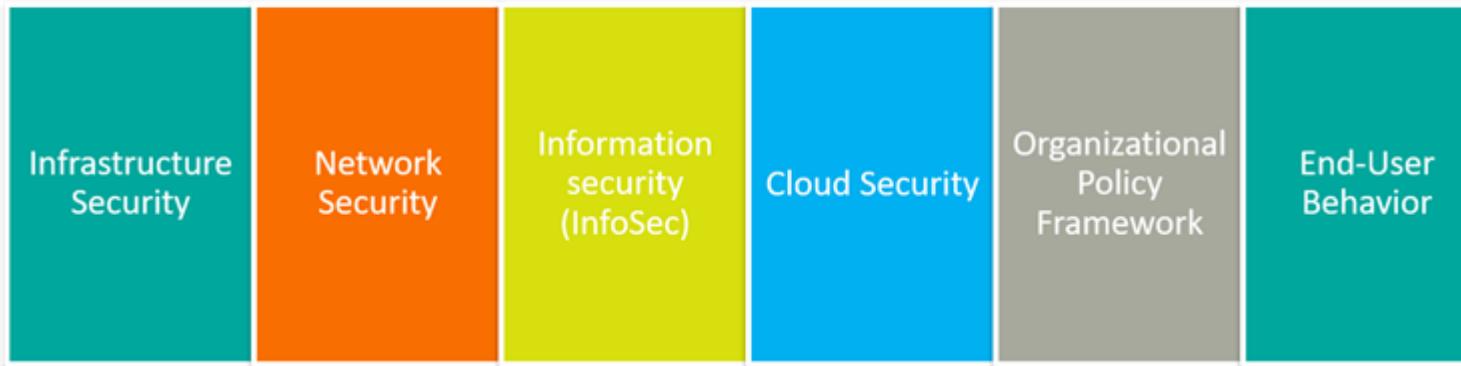
A cibersegurança é a prática de proteger sistemas críticos e informações confidenciais de ataques digitais. Também conhecidas como segurança de tecnologia da informação (TI), as medidas de segurança cibernética são projetadas para combater ameaças contra sistemas e aplicativos em rede, sejam essas ameaças originadas de dentro ou de fora de uma organização.

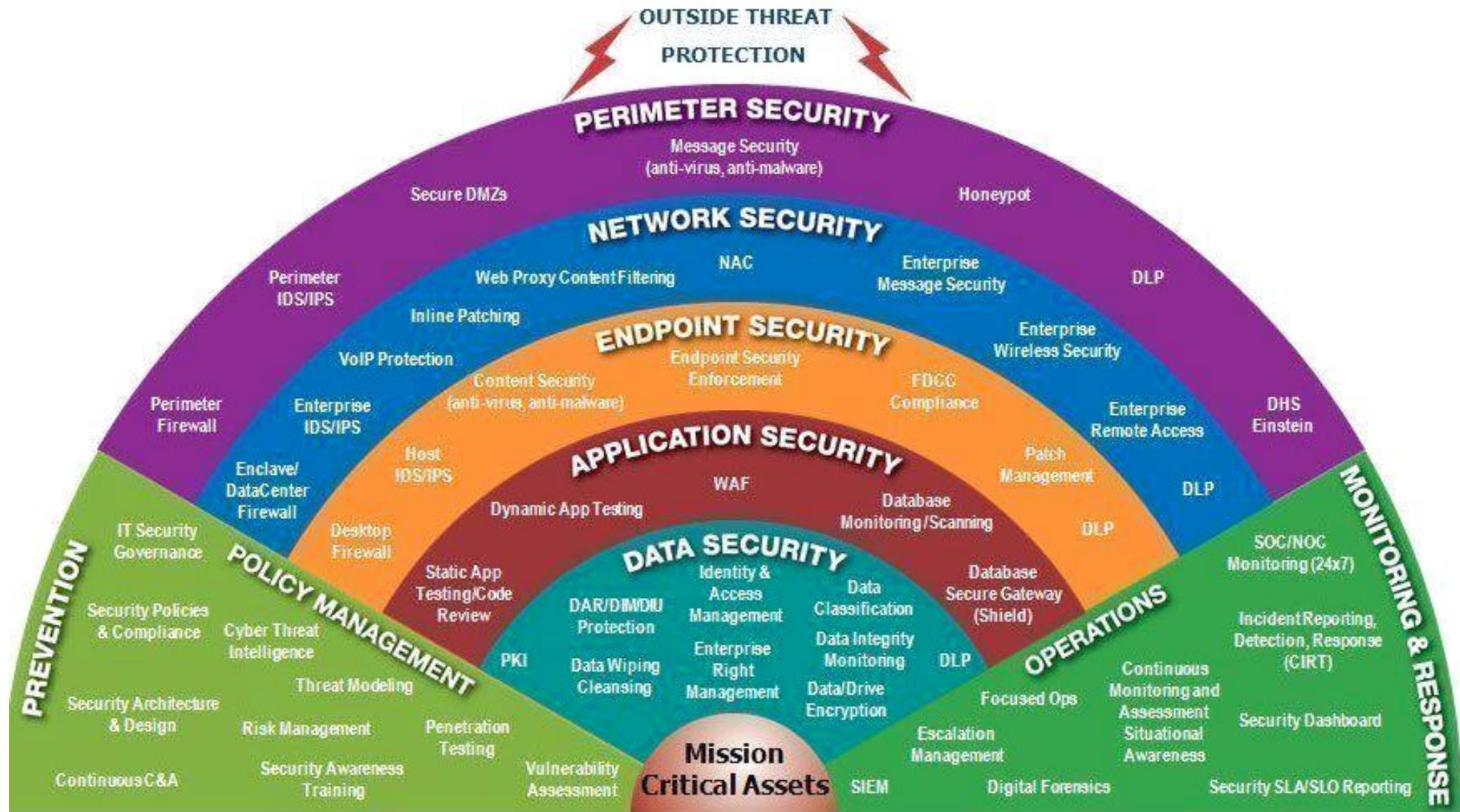


# Types of Cyber Security



## Types of Cybersecurity





<https://blog.twinstate.com/cybersecurity/defense-in-depth-explained> (Utilize o Google Tradutor)

## INFOSEC WHEEL



# Colors in Cyber Security





## YELLOW TEAM

- ✓ Software Builders
- ✓ Application Developers
- ✓ Software Engineers
- ✓ System Architects



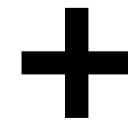
## ORANGE TEAM

- ✓ Inspire coders and architects to be more security conscious
- ✓ Benefit from current exposure to evolving security threats
- ✓ Offensive critical thinking included in builder's intrinsic thought pattern
- ✓ Decrease in overall security bug count over time



## RED TEAM

- ✓ Offensive Security
- ✓ Ethical Hacking
- ✓ Exploiting vulnerabilities
- ✓ Penetration Tests
- ✓ Black Box Testing
- ✓ Social Engineering
- ✓ Web App Scanning





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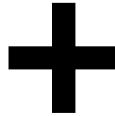
## PURPLE TEAM

- ✓ Facilitate improvements in detection and defence
- ✓ Sharpened the skills of Blue and Red team members
- ✓ Effective for spot-checking systems in larger organizations



## BLUE TEAM

- ✓ Defensive Security
- ✓ Infrastructure protection
- ✓ Damage Control
- ✓ Incident Response(IR)
- ✓ Operational Security
- ✓ Threat Hunters
- ✓ Digital Forensics





## YELLOW TEAM

- ✓ Software Builders
- ✓ Application Developers
- ✓ Software Engineers
- ✓ System Architects



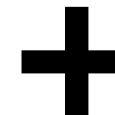
## GREEN TEAM

- ✓ Improved logging capability, working to standardise and prioritise important events
- ✓ Better data for digital forensics and incident response cases
- ✓ Safer Change Management including integrity monitoring
- ✓ Full coverage monitoring including improved Anti-Virus and End Point Protection on systems

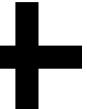


## BLUE TEAM

- ✓ Defensive Security
- ✓ Infrastructure protection
- ✓ Damage Control
- ✓ Incident Response(IR)
- ✓ Operational Security
- ✓ Threat Hunters
- ✓ Digital Forensics



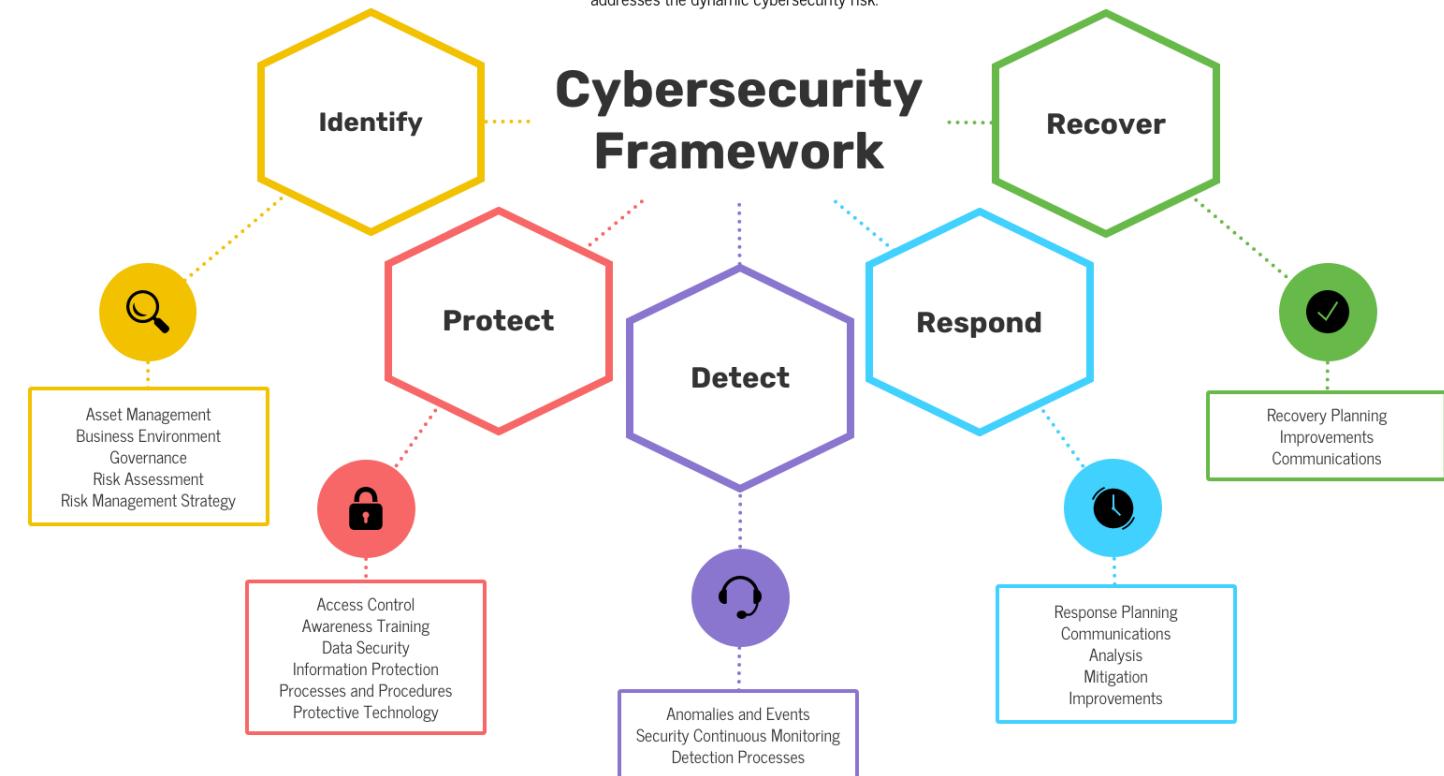
# Cyber Security Framework



**Paramore**  
Security Company

The five Framework Core Functions are defined below. These Functions are not intended to form a serial path or lead to a static desired end state. Rather, the Functions should be performed concurrently and continuously to form an operational culture that addresses the dynamic cybersecurity risk.

[www.paramoresecurity.com](http://www.paramoresecurity.com)



# COOLEST CAREERS IN CYBER

SANS | GIAC  
CERTIFICATIONS

Organizations are hiring individuals with a unique set of skills and capabilities, and seek those who have the abilities and knowledge to fulfill many new job roles in the cybersecurity industry. The coolest careers in cybersecurity are the most in-demand by employers. Which jobs are the coolest and most in-demand? We know; let us show you the hottest cybersecurity jobs are for 2021.

01

## THREAT HUNTER

This informational role utilizes intelligence gathered resulting evidence to identify anomalous that have slipped through and found their way into organizations. These types of threat require extensive investigation, analysis, and communication, and often involve multiple procedures. This role involves the ability to utilize a variety of tools and techniques to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of attacks that were not identified by traditional threat detection processes. These include threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

02

## RED TERMER

An ethical hacker who challenges active anomalies and indicators from the perspective of an attacker. The focus is on identifying Blue Teamer's by testing and identifying weaknesses in systems and networks. This role requires the ability to utilize a variety of tools and techniques to performing vulnerability assessments, a type of threat assessment to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings help to identify potential threats to the organization's assets. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

03

## DIGITAL FORENSIC ANALYST

This expert applies digital forensic analysis techniques to incidents or investigations. The practice of being a digital forensic analyst involves recovering data, including evidence, from devices and networks. These experts analyze compromised systems or digital media located in environments that may be hostile or controlled by the adversary. They also analyze data to determine what happened and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

They are the experts for the event of cybersecurity, analyzing computers, mobile phones, cloud data, and other electronic devices to determine what happened. The experts focus on recovering data from memory, files, and other sources to determine what happened.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

04

## PURPLE TERMER

An ethical hacker who identifies and creates a plan for defending off against cybersecurity threats. This role is an intelligence officer that performs threat analysis, threat modeling, and threat mitigation. The role involves the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings help to identify potential threats to the organization's assets. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X

05

## MALWARE ANALYST

Malware analysts have the capability to identify and remove the viruses and most effective malware from an organization's network. These analysts make sure infections are removed from the system, which then protects and maintains its functionality.

Why is this role important?

These findings prevent the existence of viruses and most effective malware from the system, which then protects and maintains its functionality. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

FOR4040W FOR4040X FOR4040Y

06

## CHIEF INFORMATION SECURITY OFFICER (CISO)

The CISO leads staff in identifying, implementing, and maintaining processes across the organization for information protection and information technology. This CISO is responsible for the overall security of the organization's assets. This role involves the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of information protection and information technology knowledge. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

MCITK1000 SEC4040W SEC4040X SEC4040Y SEC4040Z

07

## BLUE TERMER – ALL-AROUND DEFENDER

This role may have many different titles depending on the organization, but often it's called an all-around defender and blue teamer. The role involves the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings help to identify potential threats to the organization's assets. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

08

## SECURITY ARCHITECT & ENGINEER

Security architects and engineers are often positioned off network security and data protection. These professionals are responsible for developing, maintaining, and improving security architecture and infrastructure. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings help to identify potential threats to the organization's assets. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

09

## INCIDENT RESPONSE TEAM MEMBER

Incident response teams are responsible for responding and recovering after an incident has occurred. These findings prevent the existence of incidents and recovering after an incident has occurred.

Why is this role important?

These findings prevent the existence of incidents and recovering after an incident has occurred. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

10

## CYBERSECURITY ANALYST/ENGINEER

Analysts are one of the core support roles within the SOC. They respond to incidents or investigations involving security threats. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of security threats. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z SEC4040A SEC4040B SEC4040C SEC4040D SEC4040E

11

## OSINT INVESTIGATOR/ANALYST

These individuals professionals gather intelligence from many sources, including open source intelligence, to monitor the activities, collect data relevant to their investigations. They also analyze the data to determine if there is any suspicious activity or potential threat. These findings prevent the existence of intelligence, which are further analyzed and refined to determine findings to be used in the investigation.

Why is this role important?

These findings prevent the existence of intelligence, which are further analyzed and refined to determine findings to be used in the investigation.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

12

## TECHNICAL DIRECTOR

This search results in developed strategies to maintain and enhance security, security architecture, and compliance. These findings prevent the existence of technical director.

Why is this role important?

These findings prevent the existence of technical director. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

13

## CLOUD SECURITY ANALYST

This cloud security analyst is responsible for cloud security architecture and management. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of cloud security architecture and management. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

14

## INTRUSION DETECTION / (SOC) ANALYST

Security professionals within the SOC monitor and analyze network traffic for signs of malicious activity. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of malicious activity. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z SEC4040A SEC4040B SEC4040C SEC4040D SEC4040E

15

## SECURITY BREWNESS OFFICER

Security awareness officers work alongside their security teams to identify their organization's most common risks and potential threats to their organization. They also provide training to employees to help them recognize these threats and how to respond to them.

Why is this role important?

These findings prevent the existence of common risks and potential threats to their organization. They also provide training to employees to help them recognize these threats and how to respond to them.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

16

## VULNERABILITY RESEARCHER & EXPLOIT DEVELOPER

An exploit developer is someone who is able to find vulnerabilities in a wide range of applications and devices, and develop the exploit code needed. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of vulnerabilities in a wide range of applications and devices. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

17

## APPLICATION PEN TESTER

Application penetration testing provides the security integrity of a company's applications and platforms for evaluating the overall resilience of the system. Application penetration testing is often used to identify potential security flaws in a company's software, hardware, and infrastructure. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of potential security flaws in a company's software, hardware, and infrastructure. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

18

## ICS/OT SECURITY ASSESSMENT CONSULTANT

Consultants are experts in the field of industrial control systems (ICS) and operational technology (OT). These experts evaluate industrial control systems and advise clients on potential risks and vulnerabilities. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of potential risks and vulnerabilities. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z

19

## DEVSECOPS ENGINEER

Devsecops engineers plan automated infrastructure automation, bringing build, test, and deployment pipelines together. This includes building and maintaining continuous integration and delivery (CI/CD) pipelines, monitoring application performance, and ensuring security is built into the development process.

Why is this role important?

These findings prevent the existence of automated infrastructure automation. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z SEC4040A SEC4040B SEC4040C SEC4040D SEC4040E

20

## MEDIA EXPLOITATION ANALYST

This expert applies digital forensic analysis to determine the outcome of media exploitation. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Why is this role important?

These findings prevent the existence of media exploitation. This role requires the ability to utilize a variety of tools and techniques to identify the best level of detection, and to identify and analyze threats, assessing threat indicators that have been present for extended periods of time.

Recommended Courses Associated:

SEC4040W SEC4040X SEC4040Y SEC4040Z



[https://assets.contentstack.io/v3/assets/blt36c2e63521272fdc/blt00e09df814b51cf8/60a3f1af1dacf1533c75d229/Coolest\\_Careers\\_in\\_Cybersecurity.pdf](https://assets.contentstack.io/v3/assets/blt36c2e63521272fdc/blt00e09df814b51cf8/60a3f1af1dacf1533c75d229/Coolest_Careers_in_Cybersecurity.pdf)

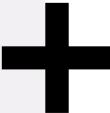
\*Course learning track. Learn more about the new courses at [sans.org/learn-sans-courses](#).

# Career Development



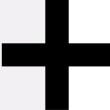
# Fundamentals

- Is enrolling your child in computer classes necessary? Yes, but think of classes that teach him the features of an operating system, how a computer network works and even how to perform maintenance on the machine itself.
- Matricular seu filho em aulas de informática é necessário? Sim, mas pense em aulas que ensinem ele as funcionalidades de um sistema operacional, como funciona uma rede de computador e até mesmo a realização de manutenções na própria máquina.
- Content like this can also be easily found on YouTube or by searching for courses like this on Udemy.
- Conteúdos assim, também podem ser facilmente achados no YouTube ou pesquisando por cursos do gênero na Udemy



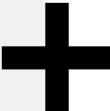
# Fundamentals - Computer Basics

- <https://www.udemy.com/course/computer-basics-2020-basic-computer-skills-and-fundamentals/>
- <https://www.udemy.com/course/computer-basics-for-the-simple-beginner/>
- <https://www.udemy.com/course/complete-computer-basics-course/>
- <https://www.udemy.com/course/computers/>
- <https://www.udemy.com/course/computer-fundamentals-u/>
- <https://www.udemy.com/course/curso-de-informatica-completo/>
- <https://www.udemy.com/course/informatica-profissionalizante-2020/>
- <https://www.udemy.com/course/curso-de-informatica-basica/>
- <https://www.udemy.com/course/frccursodemanuntencao/>



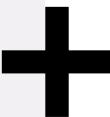
# Fundamentals – Network Computer

- <https://www.udemy.com/course/introduction-to-computer-networks/>
- <https://www.udemy.com/course/world-of-computer-networking/>
- <https://www.udemy.com/course/computer-networking-fundamentals-m/>
- <https://www.udemy.com/course/curso-completo-cisco-ccnav3-200-125/>
- <https://www.udemy.com/course/redes-tcip/>
- <https://www.udemy.com/course/complete-computer-basics-course/>
- <https://www.udemy.com/course/concepts-of-computer-networks/>



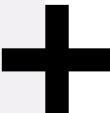
# Fundamentals – Operation System

- <https://www.udemy.com/course/operating-systems-from-scratch-part1/>
- <https://www.udemy.com/course/linux-operating-system-with-shell-from-scratch-for-beginners/>
- <https://www.udemy.com/course/it-operating-systems-comptia-a-plus-900/>
- <https://www.udemy.com/course/operating-system-concepts/>
- <https://www.udemy.com/course/computer-engineering-it-operating-system-and-more/>
- <https://www.udemy.com/course/lpi-linux-essentials/>
- <https://www.udemy.com/course/windows-server-2019-1/>



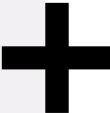
# Details

- These are some courses on Udemy that you can enroll your child to study, they will help a lot, even if he doesn't understand 100% at first, in the course of his journey he will get such knowledge when he comes across other content
- Esses são alguns cursos na Udemy que você pode matricular seu filho para ir estudando, vão ajudar bastante, mesmo que ele não entenda 100% no começo, no decorrer da sua jornada ele vai obtendo tais conhecimentos quando se depara com outros conteúdos
- Don't forget to give your child a dose of the fundamentals, that's the basics of our day to day. Upon waking up, we turn on a computer, how does it work? How does he call? After that it returns us a system, how does this system work? And finally, we browse the internet, and how do we connect with a computer on the other side of the world?
- Não esqueça de dar seu filho uma dose dos fundamentos, esse é o básico do nosso dia a dia. Ao acordar, ligamos um computador, como ele funciona? Como ele liga? Depois disso, ele nos retorna um sistema, como esse sistema funciona? E por último, navegamos na internet, e como conseguimos nos conectar com um computador do outro lado do mundo?
- When he understands that, he can go to the next step.
- Quando ele entender isso, já pode ir para próxima etapa



# Skills in Cyber Security

- Where to start his career?
- I particularly taught children and teenagers from 10 to 17 years old and the ease with technology is absurd. And for some parents I set up a career plan to prepare for the market. But I left something more open, after all we don't know if he wants to become a DevSecOps professional or a Red Team
- Por onde começar a carreira dele?
- Eu particularmente dei aula para crianças e adolescentes dos 10 a 17 anos e a facilidade com a tecnologia é absurda. E para alguns pais eu montei um plano de carreira para se preparem pro mercado. Porém eu deixei algo mais aberto, afinal não sabemos se ele deseja se tornar um profissional de DevSecOps ou um Red Team

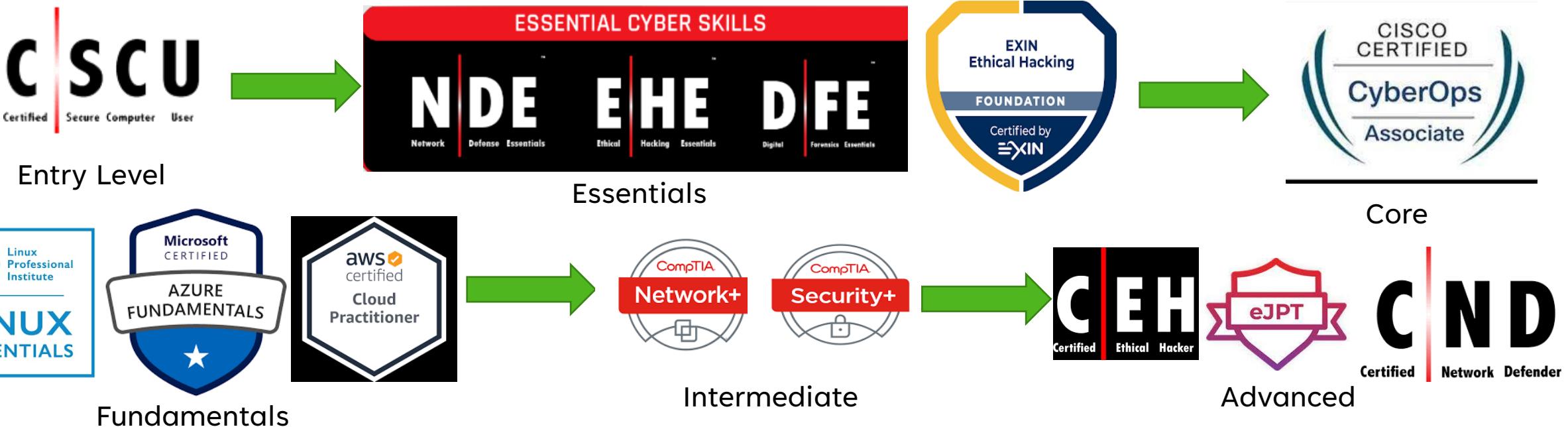


# Skills in Cyber Security 2

- That's why I'm going to put generic points so that he starts entering this cybersecurity world. And especially certifications to develop your curriculum from an early age
- Por isso, vou colocar pontos genéricos para que ele comece entrando nesse mundo de cibersegurança. E principalmente certificações para desenvolver o seu curriculo desde cedo



# Certifications

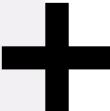


**Note:** The certification rankings are different, I've put them in an order of difficulty, price and development time, it doesn't mean that these can be the path your child should follow, but rather an example of what they need to go.

**Observação:** Os rankings de certificação são diferentes, eu coloquei em uma ordem de dificuldade, preço e tempo de desenvolvimento, não significa que essas possa ser a trilha que seu filho deva seguir, mas sim um exemplo do que ele precisa percorrer.

# Explaining Certifications

- The certifications were divided by levels, from fundamentals to advanced, if you are starting now, these certifications mostly do not require previous experience in the area or a minimum age, except for some such as CEH that are already in a more advanced layer and require 18 years. for example.
- As certificações elas foram divididas por níveis, desde fundamentos a avançado, se você está começando agora, essas certificações na maioria não exigem experiência prévia na área e nem uma idade mínima, tirando algumas como CEH que já estão numa camada mais avançada e requer 18 anos por exemplo.

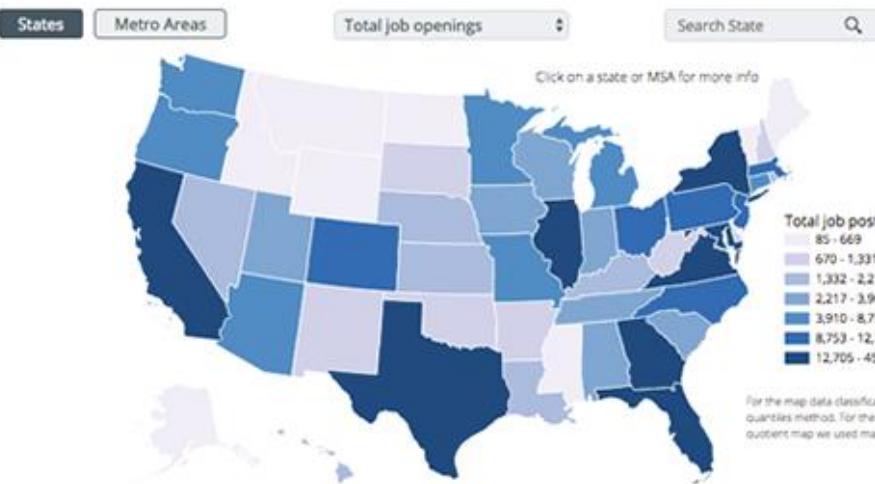


# Cyber Security Demand

- This is the only map of vacancies in the United States!
- But it already shows how much information security professionals are needed.
- Esse é o mapa apenas de vagas nos estados unidos!
- Mas já mostra o quanto é necessário profissionais de segurança da informação.

## Cybersecurity Supply/Demand Heat Map

Cybersecurity talent gaps exist across the country. Closing these gaps requires detailed knowledge of the cybersecurity workforce in your region. This interactive heat map provides a granular snapshot of demand and supply data for cybersecurity jobs at the state and metro area levels, and can be used to grasp the challenges and opportunities facing your local cybersecurity workforce.



For the map data classification we used quantiles method. For the location quotient map we used manual breaks.

## National level

TOTAL CYBERSECURITY JOB OPENINGS  
348,975

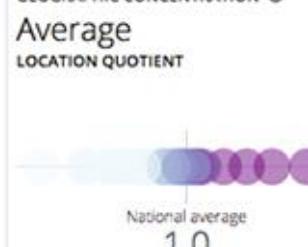
TOTAL EMPLOYED CYBERSECURITY WORKFORCE

778,402

SUPPLY OF CYBERSECURITY WORKERS  
CYBERSECURITY WORKFORCE SUPPLY/DEMAND RATIO

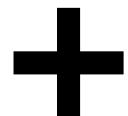


GEOGRAPHIC CONCENTRATION  
LOCATION QUOTIENT



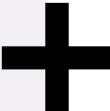
### TOP CYBERSECURITY JOB TITLES

- Cyber Security Analyst / Specialist
- Cyber Security Engineer
- Auditor
- Network Engineer / Architect
- Software Developer / Engineer
- Systems Engineer
- Systems Administrator
- Information Assurance Engineer / Analyst
- Risk Manager / Analyst



# How can my child take advantage of this market now?

- In addition to receiving basic training and following a certification journey, like the one I left on the previous slides. Practicing in labs is essential, especially so that his skills continue to grow and he can face challenges, such as certification exams and future job interviews when his time comes. In addition to making good professional decisions. If possible, connect him to mentors who can help and seek professional training as well.
- Além de receber treinamentos básicos e seguir uma jornada de certificação, como a que deixei nos slides anterior. Praticar em laboratórios é fundamental, principalmente para que suas habilidades continue crescendo e ele possa encarar desafios, como as provas de certificações e futuramente entrevistas de emprego quando chegar sua hora. Além de tomar boas decisões profissionais. Se possível, conecte ele a mentores que possa ajudar e busque formações profissionais também.



# Laboratory

- <https://tryhackme.com/>
- <https://www.hackthebox.eu/>
- <https://blueteamlabs.online/>
- <https://portswigger.net/web-security/dashboard>
- <https://ilabs.eccouncil.org/>



# Cyber Security Platforms Study

<https://www.cybrary.it/>

<https://pt.coursera.org/>

<https://www.udemy.com/>

<https://offensive-security.com/>

<https://www.eccouncil.org/>

<https://comptia.org/>

<https://exin.com/>

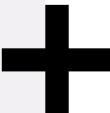
<https://ine.com/>

<https://www.pentesteracademy.com/>



# How to impact children?

- Impacting children is not an easy task, you need to present the benefits of this area, not only its importance, but the return it brings. To do this, try to understand this area as well if you want to talk to your child and invest in his career. I particularly notice many parents targeting this area for their children and always open to discussing with teachers which way is best to go. So seeking these guidelines will help your child a lot.
- Impactar as crianças não é uma tarefa fácil, você precisa apresentar os benefícios dessa área, não só sua importância, mas o retorno que ela traz. Para isso, busque entender essa área também se deseja falar com seu filho e investir na carreira dele. Eu particularmente noto muitos pais visando essa área para seus filhos e sempre abertos a discutir com os professores por qual caminho é bom seguir. Assim buscando essas orientações vai ajudar bastante seu filho.



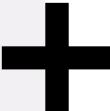
# Programming brings passion

- Programming brings passion for technology, so enrolling your children in technological development programs and even encouraging participation in hackathon, opens interest in technology and the desire to develop more in the area.
- I always introduce my students to the Python language and show its power, as it is a very simple language to work with.
- Programar traz paixão pela tecnologia, por isso, inscrever seus filhos em programas de desenvolvimento tecnologicos e até incentivar participação em hackathon, abre o interesse pela tecnologia e a vontade de se desenvolver mais na área.
- Apresento sempre aos meus alunos a linguagem Python e mostro seu poder, por ser uma linguagem bem simples de se trabalhar.



# Talk to your child about career

- Talk to your son about his career in cybersecurity, see what he has to say and give the necessary support if necessary, sometimes it gets discouraged and I've seen students wanting to drop courses because they find it too difficult or because of some failure. But the role of parents and teachers is to create a generation that will fill this market deficit together.
- Converse com seu filho sobre sua carreira na área de cibersegurança, veja o que ele tem para falar e dê o apoio necessário caso seja preciso, as vezes desanima e já vi alunos querendo largar cursos por achar difícil demais ou por alguma reprovação. Mas o papel dos pais e dos professores é juntos criar uma geração que supra esse deficit no mercado.



# Conclusion

- Obviously, this PDF has the purpose of helping and showing parents and teachers how much the Security area needs professionals, but that it has a path ahead. I started very early at 10 years old and it was difficult without any support, so I want to open everyone's mind and show how relevant many professions are and cybersecurity is one of them.
- Obviamente que esse PDF tem como propósito, ajudar e mostrar aos pais e professores a mostrar o quanto a área de Segurança precisa de profissionais, mas que tem uma trilha pela frente. Eu comecei bem cedo aos 10 anos e foi difícil sem apoio nenhum, por isso quero abrir a mente de todos e mostrar o quão relevante muitas profissões são e a área de cibersegurança é uma delas

