



CYBERSECURITY

CURRICULUM

CYBERSECURITY PROFESSIONAL TECHNICAL

Who is it for

Candidates with non-technical backgrounds who are interested in learning about the technical and non-technical aspects of Cybersecurity.

No previous knowledge or experience with projects is required.

Who is it for

Learning Outcome for Cybersecurity Professional Program - Technical

By the end of this course, you will be able to function in any of these Entry Level roles:

- Security Analyst/Security Operations Center (SOC) Analyst
- Incident Responder
- Threat Intelligence Analyst
- Vulnerability Analyst and Junior Penetration Tester
- Security Engineer



MONTH 1: FUNDAMENTALS OF CYBERSECURITY

1. Introduction to the Cybersecurity world

- Evolution from the 1970s to date
- Pillars and Principles
- CyBOK knowledge Areas.

2. The Threat Landscape

- Vulnerabilities, Threats, and Attacks
- Industry Use Cases
- OSINT Framework.

3. Network Security Fundamentals

- Introduction to Network Security
- Network Security Principles - CIA triad, Defense-in-depth approach, etc
- Network Security Technologies and Tools - Firewalls and IDS/IPS
- Virtual Private Networks
- Network Access Control
- Security Information and Event Management
- Secure Network Protocols - SSL, TLS, SFTP and SSH.

4. Encryption and Cryptography

- Symmetric Key Cryptography
- Asymmetric Key Cryptography
- Hash Functions
- Cryptographic Protocols
- Cryptographic Attacks and Countermeasures

5. Operating System Security (Windows, Mac, Linux & Others)



MONTH 2: SOC and THREAT INTELLIGENCE

- 1. Virtualization and Container Security**
- 2. Security Information and Event Management (SIEM)**
 - SIEM Implementation
 - SIEM Data Analysis and Event Management
 - SIEM Monitoring and Maintenance
 - SIEM Use Cases and Best Practices
- 3. Security Operations Center (SOC) Operations (SOC Analysts & Threat Hunters)**
- 4. Advanced Persistent Threats (APTs)**
- 5. Firewall and Network Security Principles**
 - Understanding Network Protocols and Architecture
 - Firewall Fundamentals
 - Firewall Configuration and Deployment
 - Network Security Threats and Attacks
 - Advanced Firewall Techniques



MONTH 3: Digital Forensics and Incident Response

- 1. Risk Management and Compliance**
- 2. Privacy and Data Protection Regulations**
- 3. Network Traffic Analysis**
- 4. Web Application Security**
- 5. Vulnerability Assessment**
- 6. Digital Forensics & Incident Response and Handling**
 - **Preparing for Incident Response**
 - **Detection and Reporting**
 - **Assessment and Triage**
 - **Containment and Eradication**
 - **Investigation and Analysis**
 - **Communication and Reporting**



MONTH 4: UNDERSTANDING CYBER ATTACKS

- 1. MITRE ATT&CK Framework**
- 2. Threat Tactics**
- 3. Malware**
- 4. Attack Kill Chain**
- 5. Attack Vectors**
- 6. Deep Dive Into the Dark Web**
- 7. Physical Attacks**
- 8. Indicators of Compromise**
- 9. Tactics Techniques and Procedures**



MONTH 5: UNDERSTANDING CYBER ATTACKS 2

- 1. Red Team vs. Blue Team Exercises & ALL Teams**
- 2. Legal and Ethical Issues in Cyber Security**
- 3. Common Cyber Threats and Attacks & Dark Web**
- 4. Access Control: Remote Access Tools & Securities (VPNs), Tools & Practice**
- 5. Endpoint Detection and Response (EDR)**



MONTH 6: PROJECT LABS, CERTIFICATIONS AND CAREER DEVELOPMENT

- 1. Vulnerable Machines & LAB Practices
| CTFs | Bug Bounty Platforms**
- 2. Cyber Security Career Paths and Professional Development**
- 3. Final Exam: Comprehensive Assessment of Cyber Security Knowledge**
- 4. Reflection on Learning Journey, Future Goals, and Industrial Certifications**
- 5. Internship Opportunities**



THE CYBERSECURITY PROGRAM OVERVIEW

- **100% Online Learning**
- **Hands-on Practical sessions With Videos, Exercises and Projects**
- **Lifetime Access to Materials**
- **48 Classes and 96 Hours**
- **100,000 USD Average Salary of Cybersecurity Professional**
- **Add projects to your portfolio**
- **100% Job prospect visibility**
- **Industry Relevant Certification - ISC2, CompTIA Security+**
- **Cybersecurity Exams Coaching**
- **6 Months Intensive Training with Internship Opportunities**
- **Access to our Global Network of Technical Recruiters**



BONUS CAREER COACHING SERVICES

- 1. How to have a successful and amazing career in Cybersecurity**
- 2. Tech Visa Coaching for Nigerian Cybersecurity Professionals to relocate and work in the UK, US, Canada, and other western countries.**
- 3. Freelancing opportunities for Cybersecurity Consultants**
- 4. CV Revamp and LinkedIn Optimisation**
- 5. Interview Prep and Coaching**
- 6. How to get Remote Job Roles as a Cybersecurity Professional**
- 7. Projects and Portfolio Building**
- 8. How to gain Work Experience and Internships as a Cybersecurity Professional**
- 9. Access to our Alumni Network of Students**
- 10. Access to our Global Network of Technical Recruiters**



THE PROGRAM

MODE: Online

PLATFORM: Zoom, whatsapp support group and google drive

**TOTAL DURATION OF PROGRAM: 6 Months
(PROJECT BASED LEARNING)**

DAYS OF CLASSES: Monday and Thursday

TIME OF CLASSES: 7:00PM to 9:30PM

Classes are live and access to replay of live classes is available.



THE PROGRAM FEE

180,000 Naira
(PROMO PRICE BASED ON OUTRIGHT
PAYMENT)

NORMAL PRICE:

360,000 Naira

Two months installmental payment plan:

200,000 Naira

First Month: 120,000 Naira

Second Month: 80,000 Naira

Third months installmental payment plan:

240,000 Naira

First Month: 80,000 Naira

Second Month: 80,000 Naira

Third Month: 80,000 Naira

Bonus Training - Cybersecurity non technical
training - Governance risk and compliance.

Bank Account To Pay Into :

5410623379

THE HAGITAL CONSULTING

Providus Bank



THANK YOU FOR CHOOSING US



OFFICE ADDRESS

4A Akinwale Street Opposite nationwide
filling station off Yaya Abatan Ogba, Lagos

