MSTCONNECT
educational consultancy

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SEAL OF QUALITY EXCELLENCE · ASIA'S QUALITY EXCELLENCE AWARDS

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ASIAN STERLING AWARDS · 2021

ELITE BUSINESS EXCELLENCE AWARD · 2021

ELITE LEADERSHIP AWARD · 2021

CERTIFICATE OF COMPLETION

IS HEREBY PRESENTED TO:

ARVIN G. MILAN

For having successfully attended and completed the
8-HOUR TRAINING in **"ETHICAL HACKING AND PENTESTING WORKSHOP:
AN INTRODUCTION TO HACKING, PENTESTING, AND CYBERSECURITY"**
via Zoom on the **23rd** and **24th day** of **September 2023**.

M.A. MASUSHIMA
Chief Executive Officer
Founder

ENGR. TIMOTHY MADRID
Chief Operations Officer
Founder

MR. CHRISTHOPER ER LAYLO
Senior Security Compliance Analyst
Specialist in Vulnerability Management (VM)
Certified Digital Forensics Examiner (UC)
Certified Ethical Hacker, CySA+

COURSE OUTLINE:

DAY 1:
- What is Security?
- Information Security
- Confidentiality, Integrity, and Availability
- Types of Hackers
- Authentication, Authorization, and Accounting
- Risk, Vulnerability, Asset, and Threat
- Vulnerability Assessment vs Penetration Testing
- Manual vs Automated Security Test
- DAST vs SAST
- Security Tools
- Hacking Methodology
- Reconnaissance
- Scanning & Gaining Access
- Maintaining Access & Clearing Tracks
- Introduction to Application Security
- Application Security Scanning Requirements

DAY 2:
- What is an API?
- HTTP Request and Response
- HTTP Request - Method, Headers, & Body
- HTTP Response - Method, Headers, & Body
- Burp Suite Installation and Setup
- HTTP Request and Response, Method, Headers, and Body
- Burp Suite Installation and Setup
- OWASP WSTG
- Security Testing: OWASP Top 10
- Broken Access Control
- Cryptographic Failures
- Injection & Insecure Design
- Security Misconfiguration
- Vulnerable and Outdated Components
- Identification and Authentication Failures
- Software and Data Integrity Failures
- Security Logging and Monitoring Failures
- Server-Side Request Forgery