

COURSE HANDOUT & CURRICULUM

MOBILE APP SECURITY & PENETRATION TESTING

Achieve Your True Success Under The Umbrella Of Trusted Mentor

BUILD YOUR FUTURE IN CYBER SECURITY WITH US

Introduction to Mobile Apps.

Mobile Application Security.

Mobile Application Penetration Testing.

The most common areas where we find mobile application data resides.

The Architecture of Android.

The App Sandbox and the Permission Model.

AndroidManifest.xml File.

Android Compilation Process.

Android Startup Process.

Android Application Components.

Setup a testing environment.

Android Debug Bridge (adb).

Digging deeper into Android (ADB tool).

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Intercept and analyze the network traffic.

Reversing an Android application.

OWASP top 10 vulnerabilities for mobiles.

Install DIVA (Damn insecure and vulnerable App).

Insecure Logging Issue.

Insecure Data Storage.

Database Insecure Storage.

Insecure Data Storage Inside Temporary Files.

Hardcoding Issues.

Input Validation Issues - SQL Injection.

Input Validation Issues - Exploiting Web view Vulnerability.