Secure Coding for Developers

Description

This course is designed to introduce web application developers to the world of web application vulnerabilities through a combination of practical and thought exercises. The course leverages the Samurai WTF environment as a test lab, and primarily focuses on the execution and defensive measures for the OWASP Top 10 vulnerabilities.

Agenda

- Introduction
- Standards & Guidelines
    - PCI
    - HIPAA
    - OWASP
    - Other
- Testing Methodology Overview
- Test Lab & Class Targets
- Vulnerabilities, Tools & Defenses
    - Injection
    - Cross-site Scripting
    - Broken Authentication
    - Insecure Direct Object References
    - Sensitive Data Exposure
    - Missing Function Level Access Control
    - Cross-Site Request Forgery
    - Known Vulnerabilities
    - Redirects and Forwards
- Automated Scanners
- Testing Web Services

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