

DEV536: Secure Coding for PCI Compliance

Course Length: Two Days • 12 CPE Credits
Laptop Required

Throughout the course we will look at examples of the types of flaws that secure coding protects against, examine how the flaw might be exploited and then focus on how to correct the code. Coupled with lectures, there are more than ten hands on exercises where you will have the opportunity to test out your new skills identifying flaws in code, fixing code, and writing secure code.



This course packs a thorough explanation and examination of the OWASP top-ten issues, which are the foundation of the PCI requirement, into a two-day course.

All of the exercises are available in Perl, PHP, C/C++, Ruby, and Java, allowing you to try your hand at any of the major Web application coding languages you work with in addition to some of the supporting languages that might be at work behind the scenes.

Students are not required to be familiar with all of these languages but should be proficient in at least one of them. Lectures are presented using a more or less code-neutral format.

For more information refer to <http://www.sans.org/security-training/secure-coding-pci-compliance-707-mid>

Prerequisites

Students should have at least several months of coding experience, preferably Web application coding experience. It is best if the student is familiar with one of the following languages: Perl, PHP, C, C++, Java, or Ruby. For more information on this course, visit author Dave Hoelzer's Blog:

<http://www.sans.org/info/29399>

Looking for a great software development resource?

SANS Software Security Institute Web site (www.sans-ssi.org) is a community-focused site offering AppSec professionals a one-stop resource to learn, discuss, and share current developments in the field. It also provides information regarding SANS AppSec training, GIAC certification, and upcoming events. New content is added regularly, so please visit often. And don't forget to share this information with your fellow application security, developer, and IT security professionals.

DEVELOPER CURRICULUM

DEV320
Introduction to the
Microsoft Security
Development Lifecycle



DEV422
Defending Web
Applications Security
Essentials



DEV530
Essential Secure
Coding in
Java/JEE

DEV536
Secure
Coding for PCI
Compliance

DEV541
Secure Coding
in Java/JEE:
Developing
Defensible Apps
GSSP-JAVA

DEV544
Secure Coding
in .NET
Developing
Defensible Apps
GSSP-NET

DEV542
Web App
Penetration
Testing and
Ethical Hacking
GWAPT

DEV545
Secure Coding
in PHP
Developing
Defensible Apps

DEV534
Secure Code
Review for
Java Web Apps