

# OWT

OWASP WORLD TOUR

2017



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BOSTON

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# Application Security Essentials

**Instructor: Abhay Bhargav**

**Date: October 9, 2017**

**Time: 9am-5pm**

**Location: Boston University**

**Metcalf Hall at the George Sherman Union  
775 Commonwealth Avenue  
Boston, MA 02215**

## Abstract

This class is platform/language agnostic and focuses on both concepts and implementation considerations. Abhay has developed realistic vulnerable apps and web services that he will use in this training. These include vulnerabilities and their secure implementations for typical browser-driven web applications and web services (API) style applications.

The theme of the training will be "security through insecurity" where the instructor will be referring to and running demos for popular OWASP Top 10 Attacks and detailing protection strategies for these attacks with an intentionally vulnerable applications.

The instructor will be detailing OWASP Top 10 flaws like Insecure Direct object Reference, Sensitive Data Exposure, Injection Flaws, Cross Site Scripting, Cross Site Request Forgery and so on.

The instructor will showcase code snippets and implementation examples for security best practices against common web application security flaws

The instructor has extensive experience with penetration testing applications, which will be used as anecdotes and examples to demonstrate and emphasize important aspects of Web Application Security

**Bio:** Abhay Bhargav is the CTO of we45, a focused Application Security company. Abhay is the author of two international publications. "Secure Java for Web Application Development" and "PCI Compliance: A Definitive Guide". Abhay is a builder and breaker of applications, and has authored multiple applications in Django and NodeJS. He is a passionate Pythonista and loves the idea of automation in security. This passion prompted him to author the world's first hands-on Security in DevOps workshop that has been delivered in multiple locations, and recently as a highly successful workshop at the OWASP AppSecUSA 2016 in Washington DC, the OWASP AppSecEU 2017 at Belfast. He recently delivered a workshop on Application Security at DEFCON 25 in Las Vegas Nevada. In addition, Abhay speaks regularly at industry events including OWASP, ISACA, Oracle OpenWorld, JavaOne, and others.