

Course Outline

Python for Security Professionals

Duration: 4 days

About the course

Being that Python has become such an integral development language in today's IT security landscape, a strong understanding of the language is almost a must have for anyone looking to move into to the upper realms in terms of skillsets in penetration testing and even IT security as a whole. If you want to stop being a script kiddie, and stopped being constrained by always having to use someone else's tools when you have a problem then this is the course for you. This Python for Security Professionals training class will equip the attendee with the skill set necessary to feel confident in any IT Security environment. The basics of the language are covered and then the class spends substantial time on what key features of Python are used in all of the core areas of IT Security. Here are some of the highlights of our Python for Security Professionals training course:

Course Contents

- Basics of Python
- Log Parsing with Python
- Pcap Parsing with Python
- Network Attack with Python
- Web Application Attack with Python
- Malware Analysis with Python
- Exploit Development with Python

The last day of the course is a challenge exam that will ensure validate that the student is proficient in Python for Information Security.

About The Instructor



Joe McCray is an Air Force Veteran and has been in security for over 10 years. Joe has been involved in over 150 very high level pentesting assessments and has some major hacking accomplishments that he can share with his classes. His extensive experience and deep knowledge, mixed with his comedic style has lead Joe to be one of the most highly sought after speaking experts in the industry. Joe makes speaking appearances and gives seminars at major events in the security community such as Black Hat, DefCon, BruCon, Hacker Halted and more. Joe is the recipient of the 2009 EC-Council Instructor Circle of Excellence Award and the 2010 EC-Council Instructor of the Year Award. Joe is the founder and CEO of <http://strategicsec.com> an IT Security consulting firm that provides in-depth technical security assessments of your network, web application, and regulatory compliance gap analysis.

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