



3 Courses

Advanced Python -
Reconnaissance

Establishing Command-and-
Control and Finding
Credentials

Defensive Python

INFOSEC

Apr 3, 2025

Tim Fongern

has successfully completed the online, non-credit Specialization

Advanced Python Scripting for Cybersecurity

Python is one of the most popular and widely-used programming languages in the world, due to its high usability and large collection of libraries. This learning path provides an application-driven introduction to using advanced Python features for offensive and defense cybersecurity. This path demonstrates how some of the advanced functionality in Python packages can be applied to cybersecurity and how to automate multi-stage attack chains and defensive operations using Python. This Advanced Python Scripting for Cybersecurity Skills Path builds on the Python for Cybersecurity skills path to demonstrate advanced applications of Python for cybersecurity.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Howard Poston
Security Trainer and
Content Creator
Infosec

Verify this certificate at:

<https://coursera.org/verify/specialization/R24XCKAMYI4T>