



Oct 30, 2021

**Umer Farooq**

has successfully completed

**Introduction to Python Programming**

an online non-credit course authorized by University of Pennsylvania and offered through  
Coursera

A handwritten signature in black ink, appearing to read "Brandon Krakowsky".

Brandon Krakowsky  
Lecturer  
School of Engineering and Applied Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/WQK472CEAB9M](https://coursera.org/verify/WQK472CEAB9M)

Coursera has confirmed the identity of this individual and their  
participation in the course.