



**PYTHON  
INSTITUTE**

OpenEDG | OPEN EDUCATION AND DEVELOPMENT GROUP

Verify this certificate's authenticity at

[verify.openedg.org](https://verify.openedg.org):

Rjc4.wE7R.7K6u



# CERTIFICATE

Exam Code: **PCAP-31-03**

Date Certified: **December 27, 2021**


Scope:

- Modules and Packages (12%)
- Exceptions (14%)
- Strings (18%)
- Object-Oriented Programming (34%)
- Miscellaneous (List Comprehensions, Lambdas, Closures, and I/O Operations) (22%)

of proficiency in the  
Python programming language

**Daniel Penado Ordoñez**

PCAP – Certified Associate in Python Programming  
(Exam PCAP-31-0x)

  
Christopher Boguslawski  
President, Python Institute

