



**PYTHON  
INSTITUTE**

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# CERTIFICATE

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

Date Certified: **October 13, 2022**

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

**Amal benzarti**

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



*Boguslawski*

Christopher Boguslawski  
President, Python Institute