



**PYTHON
INSTITUTE**

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CERTIFICATE

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

Date Certified: **November 17, 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

Thien Toan Le Minh

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


Christopher Boguslawski
President, Python Institute

