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## CERTIFICATE

Exam Version: PCAP-31-02

Date Certified: February 13, 2020

## Scope:

- The Universal Concepts of Computer Programming
- Basic Programming Techniques and Best Practices
- Control and Evaluations
- Data Aggregates
- Functions and Modules
- The Fundamentals of Object-Oriented Programming (OOP)
- Classes, Objects and Exceptions

of proficiency in the Python programming language

## **Vusimuzi Ngoma**

PCAP - Certified Associate in Python Programming





