



**PYTHON
INSTITUTE**

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CERTIFICATE

Exam Code: **PCPP-32-101**

Date Certified: **July 4, 2022**

Scope:

- Advanced Object-Oriented Programming (35%)
- Coding Conventions, Best Practices, and Standardization (12%)
- GUI Programming (20%)
- Network Programming (18%)
- File Processing and Communicating with a Program's Environment (15%)

of proficiency in the
Python programming language

Zuo Lin Liu

PCPP1 – Certified Professional in Python Programming 1
(Exam PCPP-32-10x)


Christopher Boguslawski
President, Python Institute

