

# SKILL CERTIFICATE

## CAREER AND TECHNICAL EDUCATION

*This is to certify that*

KATHERINE  
PATTERSON

*has demonstrated competency in*

Computer Programming 2  
Python

05/17/2024

1896



Sydnee Dickson  
Sydnee Dickson  
State Superintendent

Thalea Longhurst  
Thalea Longhurst  
State Career and Technical Education Director

# Career Skills Certificate Report



## Exam Details

KATHERINE PATTERSON

Computer Programming 2 Python

Certification date: 05/17/2024

This document certifies that the student listed has  
acquired the following skills and knowledge.

## Skills and Knowledge

### Standards

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- Students will demonstrate static (array), dynamic (vector, ArrayList, etc.) list structures, and strings.
- Students will properly use sequential files.
- Create user defined functions using top-down design and functional decomposition.
- Students will properly demonstrate object-oriented programming techniques.
- Students will properly demonstrate code comprehension and debugging techniques.
- Students will apply appropriate programming skills as an effective member of a team demonstrating the ability to collaborate with others ([www.p21.org](http://www.p21.org)).
- Students will be aware of career opportunities in the Computer Programming/Software Engineering industry and of its history.