

# SKILL CERTIFICATE

## CAREER AND TECHNICAL EDUCATION

*This is to certify that*

Katelyn Lin

*has demonstrated competency in*

Computer Programming 2  
Python

05/09/2025

1896



Sydnee Dickson  
Sydnee Dickson  
State Superintendent

Thalea Longhurst  
Thalea Longhurst  
State Career and Technical Education Director

### Exam Details

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KATELYN LIN

Computer Programming 2 Python

Certificate date: 05/09/2025

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

- 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.