SKILL CERTIFICATE

CAREER AND TECHNICAL EDUCATION

This is to certify that

XUANTHAO
TRAN

has demonstrated competency in

Computer Programming 2
Python (827)

05/19/2023

Sydnee Dickson
Sydnee Dickson
State Superintendent

Thalea Longhurst
Thalea Longhurst
State Career and Technical Education Director

Career Skills Certificate Report

Exam Details

XUANTHAO TRAN

Computer Programming 2 Python (827)

Certification Date: 05/19/2023

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

Skills and Knowledge

Standards

- 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 effective members of a team demonstrating the ability to collaborate with others (www.p21.org).

- Students will be aware of career opportunities in the Computer Programming/Software Engineering industry and of its history.