# SKILL CERTIFICATE

## **CAREER AND TECHNICAL EDUCATION**

This is to certify that

Sarah Zhang

has demonstrated competency in

Computer Programming I

12/18/2023



Sydnee Dickson
Sydnee Dickson
State Superintendent

Thalea Longhurst

Thalea Longhurst
State Career and Technical Education Director

## **Career Skills Certificate Report**



### **Exam Details**

SARAH ZHANG

Computer Programming I

Certification date: 12/18/2023

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

## Skills and Knowledge

#### Standards

- Students will be familiar with and use a programming language IDE (Integrated Development Environment)
- Students will understand program development methodology and best practices.
- Students will understand and implement key programming concepts.
- Students will understand and implement control structures
- Students will be aware of career opportunities in the Computer Programming/Software Engineering industry and ethical applications