SKILL CERTIFICATE

CAREER AND TECHNICAL EDUCATION

This is to certify that

Sarah Zhang

has demonstrated competency in

Computer Programming II
Java

05/10/2024

Sydnee Dickson

Sydnee Dickson
State Superintendent

Thalea Longhurst

Thalea Longhurst
State Career and Technical Education Director

Career Skills Certificate Report

youscience™

Exam Details

SARAH ZHANG

Computer Programming II Java

Certification date: 05/10/2024

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 an effective member 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.