

# SKILL CERTIFICATE

## CAREER AND TECHNICAL EDUCATION

*This is to certify that*

Jae E Karppinen

*has demonstrated competency in*

Computer Programming I

12/16/2024

1896



Sydnee Dickson

Sydnee Dickson  
State Superintendent

Thalea Longhurst

Thalea Longhurst  
State Career and Technical Education Director

### Exam Details

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JAE E KARPPINEN

Computer Programming I

Certificate date: 12/16/2024

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

- 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