

# Career Certification



This is to certify that

**Hayden Karas**

has demonstrated competency in

**Advanced Computer  
Programming**

**10/04/2024**

Date issued

A handwritten signature in black ink, appearing to read 'Edson K. Barton', written over a horizontal line.

Edson K. Barton,  
Chief Executive Officer



# Career Skills Certificate Report



## Exam Details

HAYDEN KARAS

Advanced Computer Programming

Certification date: 10/04/2024

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

## Skills and Knowledge

### Standards

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- Students will develop applications which make advanced use of the skills and concepts developed in computer programming I & II.
- Students will use searching and sorting algorithms.
- Students will utilize multidimensional arrays.
- Students will properly employ dynamic data structures/abstract data types (ADTs).
- Students will design and implement advanced objected oriented concepts.
- Students will use Unified Modeling Language (UML) to design object-oriented programs.