skillsoft

Completion Status Report

Student Name	Kithinji Muriungi
Course Title	Introduction to Algorithms and Data Structures
Start Date	Jun 23, 2019

Completion Status:	Completed - Jun 25, 2019
Completion Criteria:	Achieve a score of 75% on the course test and answer all questions
Test Score:	You've scored 100%
Answer All Questions:	You've answered all questions

Test Scores

	First	Current	Highest
Course Test	77%	100%	100%
Lesson 1: Introduction	67%	100%	100%
Course Introduction	-	-	-
Introduction to Data Structures	100%	100%	100%
Introduction to Algorithms	100%	100%	100%
Introduction to Time and Space Complexity	0%	100%	100%
Introduction to Static Arrays	0%	100%	100%
Introduction to Dynamic Arrays	100%	100%	100%
Introduction to Recursion Using Binary Search	100%	100%	100%
Lesson 2: Standard Containers	67%	100%	100%
Introduction to the Stack	100%	100%	100%
Introduction to Queues	100%	100%	100%
Introduction to the Linked List	0%	100%	100%
Lesson 3: Binary Trees	75%	100%	100%

	First	Current	Highest
Introduction to the Binary Search Tree	100%	100%	100%
Binary Search Tree – Performing a Search	100%	100%	100%
Binary Search Tree – Inserting Elements	0%	100%	100%
Binary Search Tree – Deleting Elements	100%	100%	100%
Lesson 4: Sorting	75%	100%	100%
Introduction to Sorting – Bubble Sort	100%	100%	100%
Sorting Using Merge Sort	25%	100%	100%
Sorting Using Quicksort	100%	100%	100%
Lesson 5: Graphs	80%	100%	100%
Representing Graphs – Adjacency List	100%	100%	100%
Representing Graphs – Adjacency Matrix	100%	100%	100%
Graph Searching – Breadth First Search	50%	100%	100%
Graph Searching – Depth First Search	50%	100%	100%
Graph Sorting – Topological Sort	100%	100%	100%
Lesson 6: Hashed Data Structures	100%	100%	100%
Introduction to Hashed Data Structures	100%	100%	100%
Hashed Data Structures – The Hash Function	100%	100%	100%
Hashed Data Structures – Perfect vs Non-Perfect Hashing	100%	100%	100%
Hashed Data Structures – Handling Collisions	100%	100%	100%
Lesson 7: Practice: Using Algorithms and Data Structures	-	-	-
Exercise: Using Algorithms and Data Structure in C++	-	-	-