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## Overview of Module 2

Welcome to Module 2 of the Coursera class on Trees and Graphs. This module will cover the basics of the graph data structures and fundamental graph algorithms for traversing graphs: breadth-first and depth-first search. We will use the properties of these two algorithms to solve problems such as finding strongly connected components and topological sorting of graphs.

Graphs are fundamental in many areas of computer science ranging from computational biology to computer networks. They are simple data structures that model relations between objects. The algorithms we will study this week are the building blocks of more sophisticated applications.

After each lesson, we have multiple choice quizzes and a programming assignment that will focus on using depth first search for an interesting application of finding cycles in graphs.

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