**Lesson Overview**

This lesson is taught by [**Peter Norvig**](https://en.wikipedia.org/wiki/Peter_Norvig).

Peter Norvig is a true expert in robotics, artificial intelligence, and computer science. Back before Udacity even existed Peter and Sebastian co-taught a course on self-driving cars. The popularity this course generated when they put it online was a big part of the decision to start this company. Peter is also a writer and his essay [**Teach Yourself Programming in 10 Years**](http://norvig.com/21-days.html) is something I would *highly* recommend to new programmers.

In this lesson you will learn about "search problems" and several algorithms to solve them.

One particular search problem is especially relevant to self driving cars: finding the best route from point A to point B. When this lesson is over you will take everything you've learned in this course and actually implement a Google-maps style route planner.

Here's the graph from the video.

A close up of a map

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