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The Design And Analysis Of Computer Algorithms

Sara Baase is a Professor of Computer Science at San Diego State University, and has been teaching CS for 25 years. Dr. Baase is a three-time recipient of the San Diego State University Alumni Association's Outstanding Faculty Award, and she has written a number of textbooks in the areas of algorithms, assembly language and social and ethical issues

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Algorithms must have a unique name. Algorithms should have explicitly defined set of inputs and outputs. Algorithms are well-ordered with unambiguous operations. Algorithms halt in a finite amount of time. Algorithms should not run for infinity, i.e., an algorithm must end at some point.

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