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Stephen Ryan

has successfully completed a free online offering of

Algorithms: Design and Analysis, Part 1

This is an undergraduate level course on the design and analysis of algorithms. The main topics are: asymptotic analysis, divide and conquer algorithms, sorting and searching, basic randomized algorithms, graph search, shortest paths, heaps, search trees, and hash tables. In order to earn a Statement of Accomplishment, participants were required to score at least 70% on 6 problem sets, 6 programming assignments, and 1 final exam.



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