ECS 122A
Algorithm Design and Analysis

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Agenda

- Dynamic programming
  - Longest common subsequence
  - Optimal binary search tree
    - Becomes optional
  - Read corresponding sections!

Updates

- Algorithm design = basic idea + pseudocode
  - Required for hw4 and the final
  - For DP problems, write down the recursive formulation
    - E.g., $r_n = \max(p_i + r_{n-i})$, where $i \in [1, n]$
- Spend more time..
- Schedule
  - Next week: NP-completeness (Chapter 34)

The End