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## Summary

Besides programming abilities, it is important for candidates to demonstrate other skills, such as communication skills, knowledge migration skills, mathematical modeling skills, and divergent thinking skills.

Candidates show their communication skills when they describe project experiences and solutions to coding interview problems clearly. Additionally, it is an indication of good communication skills if they ask pertinent questions proactively.

Knowledge migration skills are helpful in solving new problems. When an interview problem is similar to a classic algorithm or other popular problems, candidates may focus on the similarities and try to reapply the classic algorithm or known solutions of other problems.

There are many interesting interview problems abstracted from daily life that require mathematical modeling skills. In order to solve such problems, candidates have to choose appropriate data structures to algorithms according to the hidden model.

Sometimes interviewers disallow candidates from using traditional solutions. In such cases, candidates have to show their divergent thinking skills by solving problems with creative ideas from unusual perspectives.