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Graph Based Knowledge Discovery using  
MapReduce and SUBDUE Algorithm

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**HIGHLIGHTS OF THE PAPER**

To our knowledge, this work is the first proposal to use graph based algorithm, Sub Structure Discovery Using Examples (SUBDUE) in Skill-set Analytics Domain.

- Formulated the problem of common skill-set extraction from resumes.
- Proposed a MapReduce algorithm to convert pre-processed data into conceptual graph.
- Applying SUBDUE, a graph mining algorithm to the skill-sets analytics domain to find common skills.
- Proposed approach performance is evaluated through experimental results on real world data sets.

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