Skill / Job Recommender

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LITERATURE SURVEY

SKILL AND JOB
RECOMMENDER APPLICATION

S.NO	*PAPER*	*AUTHOR*	*YEAR*	*METHOD AND ALGORITHM*
1	*Skill Scanner: Connecting and Supporting Employers, Job Seekers and Educational Institutions with an AI-based Recommendation System*	*Koen Bothmer and Tim Schlippe*	*2022*	Usually employers, job seekers and educational institutions use AIin isolation from one another. However, skills are the common ground between these three parties which can be analyze with the help of AI: Employers want to automatically check which of their required skills are covered by applicants' CVs and know which courses their employees can take to acquire missing skills. Job seekers want to know which skills from job postings are missing in their CV, and which study programs they can take to acquire missing skills.

2	*Job Recommendation based on Job Seeker Skills:An Empirical Study*.	***Ricardo Puma, Paul Bustios.***	*2018*	It present a general panorama of job recommendations tasks aiming to facilitate research and real word applications design regarding the important issue. It used two main methods: Term Frequency -Inverse document frequency and Word2vec.
3	*Job recommendation based on Job profile Clustering and job Seeker*	*L.Moussaid, M.Azzouazi*	*2020*	Job offers are collected form job search website then they are prepared to extract meaningful attributes such as job titles and technical skills . A List of top N recommendations to suggested after matching data from job clusters and job seeker behaviour . It uses such as profile Clustering ,work2vec, k means Clustering.
4	Data Mining Techniques to Build A Recommender System	Alicia Huidobro Espejel; Francisco J. Cantu-Ortiz	*2021*	There are different approaches to build a system that makes recommendations, the selection ofa method depends on several factors. For example, the available data to extract knowledge and the technical resources of the company. In this article, we focus on the use of data mining techniques to build a recommender system. Then, we describe in more detail two methods: communities finding and market basket analysis. Both methods are easy to implement and they are efficient. We presentour methodology to implement them as well as the advantages and disadvantages that we found in them. We used a publicly available dataset to test both methods offline. We were interested in evaluating both methods without a ground truth reference because the model selection is one of the challenges when building a new system. For the communities finding method, we used fitness functions that allowed us to compare and select a set of communities. For the market basket analysis, we tested different values for the parameters that can be controlled: support, confidence, and the number of items in transactions. With both methods, we obtained