SKILL / JOB RECOMMENDER APPLICATION

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LITERATURE SURVEY

1.	Americas Conference on Information Systems (AMCIS).	Frank Faeber, Tim Weitzel, and Tobias Keim. (2003)	"An Automated Recommendation Approach to Selection in Personnel Recruitment."

S.NO	TITLE	AUTHORS	DESCRIPTION
2.	International Conference on Advanced Information Networking and Applications.	Hoajun SUN, Zhihui LIU, and Lingjun KONG.	“A Document Clustering Method based on Hierarchical Algorithm with Model Clustering.”

3.	International Symposium on Computational Intelligence and Design IEEE.	Zhang, Y., Yang, C., & Niu, Z.	A research of job recommendation system based on collaborative filtering.Dealing with the enormous amount of recruiting information on the Internet, a job seeker always spends hours to find useful ones. To reduce this laborious work, we design and implement a recommendation system for online job-hunting. In this paper, we contrast user-based and item-based collaborative filtering algorithm to choose a better performed one.

4.	International Journal of Bio-Inspired Computation.	Sivaramakrishnan, N., Subramaniyaswamy, V., Ravi, L., Vijayakumar, V., Gao, X. Z., & Sri, S. L. R.	An effective user clustering-based collaborative filtering recommender system with grey wolf optimisation. Recommendation systems have become increasingly popular and mainly used in ecommerce to helping predict user preference towards particular item.The proposed

			system performs user clusterbased collaborative filtering for venue recommendations in which clusters are formed using a bio-inspired grey wolf optimisation algorithm. Clustering is used to eliminate the disadvantages of collaborative filtering regarding scalability, sparsity.

5.	National Foundation for Science and Technology Development Conference on Information and Computer Science (NICS) IEEE.	Nguyen, Q.-D., Huynh, T., & Nguyen-Hoang, T.-A.	Adaptive methods for job recommendation based on user clustering.Job recommender systems are designed to suggest a ranked list of jobs that could be associated with employee's interest. Most of existing systems use only one approach to make recommendation for all employees, while a specific method normally is good enough for a group of employees. Therefore, this study proposes an adaptive

			solution to make job recommendation for different groups of user. The proposed methods are based on employee clustering. Firstly, we group employees into different clusters.

6.	IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining - ASONAM.	Diaby, M., et al.	Toward the next generation of recruitment tools: An online social network-based job recommender system.This paper presents a contentbased recommender system which proposes jobs to Facebook and LinkedIn users. A variant of this recommender system is currently used by Work4, a San Francisco-based software company that offers Facebook recruitment solutions. Work4 is the world leader in social recruitment technology; to use its applications, Facebook or LinkedIn users explicitly grant access to some parts of their data, and they are presented

			with the jobs whose descriptions are matching their profiles the most.

7.	Implicit skills extraction using document embedding and its use in job recommendation.	Gugnani, A., & Misra, H. (2020).	This paper presents a job recommender system to match resumes to job descriptions (JD), both of which are non-standard and unstructured/semi-structured in form.In Proceedings of the… AAAI Conference on Artificial Intelligence. AAAI Conference on Artificial Intelligence.The performance of the combined techniques on an industrial scale dataset yielded a precision and recall of 0.78 and 0.88 respectively. The paper then introduces the concept of extracting implicit skills–the skills which are not explicitly mentioned in a JD.