SKILL AND JOB RECOMMENDER

LITERATURE SURVEY

TEAM MEMBERS

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LITERATURE SURVEY

No	Title of the Paper	Author Name	Journal Detail	Methodology
1	Job Recommendation based on Job Seeker Skills: An Empirical Study	Jorge Valverde-Rebaza et.al.	2018 Department of Scientific Research, Visibilia, SP, Brazil	**Algorithm used**: Term Frequency-Inverse Document Frequency (TF-IDF) & word2vec,Continuous Bag-of-Words (CBOW) and Skip-gram **Merits**: Word2Vec-SkipGram score-0.590 Precision-0.814 ME-0.96 **Demerits**: Less accuracy in the correctness of user data

LITERATURE SURVEY

No	Title of the Paper	Author Name	Journal Detail	Methodology
2	Toward the next generation of recruitment tools: An online social network-based job recommender system	M Diaby, E Viennet, and T Launay.	2013 Advances in Social Networks Analysis and Mining, ASONAM	**Algorithm used**: Work4,Support vector Machine **Merits**: For data processing two types of data are used:input- interaction data (user's own data) and social connections data (user's friends data) **Demerits**: Sensitive contents of user are prone to vulnerability.

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No	Title of the Paper	Author Name	Journal Detail	Methodology
3	Matching resumes and jobs based on relevance models	Xing Yi, James Allan, W. Bruce Croft	2007 Special Interest Group on Information Retrieval(SIGIR)	**Algorithm used**: Structured Relevance Models (SRM) **Merits**: Relevance model makes matching process easier **Demerits**: Only for modeling and retrieving semi-structured documents

LITERATURE SURVEY

No	Title of the Paper	Author Name	Journal Detail	Methodology
4	Collaborative filtering based online recommendation systems	Basit Mehmood Khan et.al.	2017 International Conference on Information and Communication Technologies (ICICT)	**Algorithm used**: Collaborative filtering are item based and user based approaches **Merits**: CF algorithms are classified as memory-based approaches and model-based approaches and compared **Demerits**: Interest of mobile users may lead to the rejection of skilled candidate

LITERATURE SURVEY

No	Title of the Paper	Author Name	Journal Detail	Methodology
5	Job Recommendation System Using Profile Matching and Web-Crawling	Deepali V Musale et.al.	2016 International Journal of Advance Scientific Research And Engineering Trends	**Algorithm used**: Semantic matching, tree-based knowledge matching and query matching. **Merits**: On campus recruitment process made easier using web crawling **Demerits**: Dataset is taken only from reputed institution and guarantee to employ all students is less.