

LITERATURE SURVEY

| BOOK/ JOURNAL | AUTHOR'S NAME | INFERENCE |
|--|---|--|
| Job, Recommendation based on Job Seeker Skills: An Empirical Study, 2018. | Jorge ValverdeRebaza, Ricardo Puma Paul, Bustios Nathalia C. Silva. | Job search is a task commonly done on the Internet using job search engine sites like Linked In, indeed, and others. Commonly, a job seeker has two ways to search a job using these sites: 1) doing a query based on keywords related to the job vacancy that he/she is looking for. 2)creating and/or updating a professional profile containing data related to his/her education, professional experience, professional skills and other, and receive personalized job recommendations based on this data. |
| Skill-based Career Path Modelling and Recommendation | Aritra Ghosh, Beverly Woolf, Shlomo Zilberstein, Andrew Lan | New skills and knowledge are needed for jobs in the future due in part to the rapid development of workplace technology such as artificial intelligence and internet of things. Jobs in the future will likely require skills that are not taught in schools nor in standard training programs. Instead, workers will have to either upskill as they move to new jobs within the same industry, or reskill themselves through the lifelong learning process to move to another industry. |
| Job Recommendation System Using Machine Learning and Natural Language Processing | Jeevan Krishna | In this paper scrape data from Job board to create offline Job dataset. Develop a user profile based on stack overflow survey data. Construct a recommender model that can address cold start issue. devise recommender model which recommends Job to the job seeker based on skills. |

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| A survey of job recommender systems, 2012. | Shaha T. AlOtaibiand Mourad Ykhlef | The fast growth of the Internet caused a matching growth of the amount of available online information that increased the need to expand the ability of users to manage all this information. This encourages a substantial interest in specific research fields and technologies that could benefit the managing of this information overload. The most important fields are Information retrieval and Information filtering. Information retrieval deals with automatically matching users information and Information filtering aims to assist users eliminating unwanted information . |
| Job Recommendation through Progression of Job Selection | Aritra Ghosh, Beverly Woolf, Shlomo Zilberstein, Andrew Lan | Through this paper, we are introducing a novel machine learning model which uses the candidates job preference over time to incorporate the dynamics associated with highly volatile job market. In addition to that, our approach comprises several other smaller recommendations that contribute to problems of 2 a) generating serendipitous recommendations b) solving the cold-start problem for new jobs and new candidates. |