Team ID :PNT2022TMID52983

Literature Survey

1.TOPIC: Job Recommendation System Using Profile Matching And Web-Crawling

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SUMMARY

The developed system is job recommendation system for campus recruitment which helps college placement office to match company's profiles and student's profiles with higher precision and lower cost. For profile matching, two matching methods are used: semantic matching, tree-based knowledge matching and query matching. These methods are integrated according to representations of attributes of students and companies, and then the profile similarity degree is acquired. Based on profile similarity degree, preference lists of companies and students are generated. Also students can perform keyword based search for job profiles from various job recruitment sites (e.g. Naukari.com,indeed.com). For obtaining data from online recruitment sites system uses web crawling. With loop matching, matching results would be further optimized and provide more effective guidance for recommendation.

2.TOPIC : JOB SEARCH PORTAL

SOWMYA MATHUKUMALLI, SASTRA University, India, 2014

The web application "Job Search Portal" provides an easy and convenient search application for the job seekers to find their desired jobs and for the recruiters to find the right candidate. Job seekers from any background can search for the current job openings. Job seekers can register with the application and update their details and skill set. They can search for available jobs and apply to their desired positions. Android, being open source has already made its mark in the mobile application development. To make things handy, the user functionalities are developed as an Android application. Employer can register with the application and posts their current openings. They can view the Job applicants and can screen them according to the best fit. Users can provide a review about an organization and share their interview experience, which can be viewed by the Employers.

3.TOPIC : Enhanced Job Recommendation System

Shivraj Hulbatte, Amit Wabale , Suraj Patil , Nikhilkumar Sathe Student, Department of Computer Engineering, Sinhgad Academy of Engineering, Pune, India

We address the problem of recommending suitable jobs to people who are seeking a new job. We formulate this recommendation problem as a supervised machine learning problem. Our technique exploits all past job transitions as well as the data associated with employees and institutions to predict an employee's next job transition. 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. We also take background information including students' resumes and details of recruiting information into consideration, bring weights of co-apply users (the users who had applied the candidate jobs) and weights of student used liked jobs into their recommendation algorithm. At last, the model we proposed is verified through experiments study which is using actual data. The recommended results can achieve higher score of precision and recall, and they are more relevant with users' preferences.

4.TOPIC : APPLYING DATA MINING FOR JOB RECOMMENDATIONS BY EXPLORING JOB PREFERENCES

The recommender systems are quite popular as they help to find the customer what they want within a very less time. The recommendations are the guesses made by the system about an item that a customer will most likely prefer. These help to increase the site‟s popularity as well as sales (in case of business sites). Although there are generalized recommender systems, but personalized recommender systems are more focused upon. Personalized recommender systems are expected to change the content or items according to the user‟s profile and preferences. Analogous to the personalized recommender systems, generalized recommender systems provide same content to all the users. There are various types of recommender system strategies: Content Based, Collaborative Based, Demographic, Knowledge Based and Hybrid Recommender.