



MÉMOIRE

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Thème

JOB RECOMMENDATION SYSTEMS

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Abstract

All businesses use several techniques in order to maximize profits within a reasonable amount of time. So it is better to do things as quickly as possible. Recommender systems are widely used systems that provide real-time recommendations of relevant items to each user. Job recommendation systems play a key role in helping employees find the right opportunities and recruiters reaching top candidates. To do so, recommendations techniques such as collaborative filtering, content-based filtering, knowledge-based and hybrid approaches can be applied. In this paper, job recommendation systems are presented into two types, the traditional job recommendation systems that focus on a single way of recommendation and the reciprocal job recommendation systems that help to match jobs to employees and employees to jobs.

Keywords—Recommendation systems, Job recommendation, Reciprocal relevance.