Automated Filtering of Relevant Resumes

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Abstract

In today’s world, there is a colossal rise in the number of job seekers. Additionally, with increasing applicants the number of resumes increases proportionally, thereby making the task of the HR department extremely laborious. Therefore, a new approach has been proposed to automate the task of recruiting suitable candidates for a given job profile by matching the candidate’s qualities to the parameters mentioned by the recruiter which involves parsing the resume automatically. This system, takes the unstructured or structured resume as input from the applicant and the job specifications from the recruiter (which acts like a query) and then using information extraction, storing and matching techniques a certain relevancy percentage is calculated which determines the extent to which the candidate is suitable for that post. The higher the percentage, the better the candidate is for that portfolio, thereby providing the recruiter with the best results for that given job profile. Therefore, this proposed system makes the task of recruiting more efficient and faster, and also eliminates the need to manually find the best suited applicants.
References

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Index Terms

Computer Science  
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Keywords

Relevancy. Collaborative filtering, unstructured, resume, matching