

CV Classification using NLP

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Abstract: *There has been a large influx of jobs due to the rapid urbanization. This has led to the creation of large organization that requires equally large number of varied employees to perform their tasks. To accumulate talent and useful employees, the organizations post job offers. Most of the time, due to high demand and the low supply of jobs and increasing unemployability, there is an inordinate number of job applications that are received by the organization. The companies are highly motivated to select the candidate with the best personality. Doing it from the large number of resumes or Curriculum Vitae received is a daunting task. Therefore, there is a need for the implementation of an effective and reliable automatic personality assessment system. There are a few approaches that have been researched for this purpose of personality assessment system. Most of these approaches have a number of drawbacks that need to be addressed. Therefore, this publication deals with the implementation of an effective personality evaluation system through the analysis of candidate CVs. The proposed system utilizes the Bag of Words and protocol estimation along with protocol mapping and Decision Tree approach to achieve highly precise Personality classification by using extensive concepts of NLP.*

Keywords: Curriculum Vitae, Natural Language Processing, Bag of Words, Decision Tree

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