

College : SARDAR PATEL COLLEGE OF ENGINEERING, BAKROL ANAND
 Department : Information Technology
 Discipline : BE
 Semester : Semester 8
 Project Name : Personality Prediction Using CV Analysis
 Team ID : 86002

Form 1 – APPLICATION FOR GRANT OF PATENT

Applicants :

Sr. No	Name	Nationality	Address	Mobile No.	Email Id
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Inventors :

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I/We, the applicant(s) hereby declare(s) that:

Following are the attachments with the applications :

Form 2 - PROVISIONAL/COMPLETE SPECIFICATION

1 . Title of the project/invention :

Personality Prediction Using CV Analysis

2. Preamble to the description :

Provisional

3. Description

a) Field of Project / Invention / Application :

Data Gathering, Data Analysis, Data Processing

b) Prior Art / Background of the Project / Invention :

Huge companies and recruitment agencies receives and manages thousands of resumes from job applicants. These resumes will be automatically processed by the extraction system. Information such as name, contact details, email id's, qualification, experience, skill-sets etc. can be stored as a structured data in a DB and then can be used in various different fields. Here, information in resumes is in a little structured form, where information is stored in separate blocks. Each block contains related information about a person's personal details, education or work experience. Even if it is partially structured form, resume documents are very hard to parse automatically. They may differ in information types, order, etc. containing full sentences or partial, etc. To parse these resumes effectively and efficiently, we have implemented a system. Finally, it presents the results to the recruiter and takes the final decision whether to hire the candidate or not.

c) Summary of the Project / Invention :

System will enable an effective way to shortlist submitted candidate's CV from a large number of applicants providing a consistent and fair CV ranking policy, which can be justified. System will rank the experience and key skills required for particular job profile. This system will help the HR department to easily shortlist the candidate based on the CV ranking policy. This system will focus not only on qualification and experience but also focuses on other important key points which are required in a candidate for particular job position. This system will help the HR department to select right candidate for particular job which in turn will provide expert workforce for the organization/company.

d) Objects of Project / Invention :

- To develop a system that provides a more effective way of shortlisting the candidates.
- To determine the key skill characteristic by considering each expert's preferences and ranking decisions.

- To automate the procedure of requirement specifications and applicant's ranking.
- To produce ranking decisions that would have relatively higher accuracy and consistency than those of human experts.

e) Drawings :

f) Description of Project / Invention : (full detail of project) :

The system consists of 2 major modules with their sub-modules as follows:

Admin

- Login: Admin need to login with its valid details to access the below modules.
- Add Job Details: Admin or any authorized person can change the requirements or job details on behalf of company.
- Scan CV:Admin can scan CV's received from candidates which will go further for shortlisting the CV's.
- Shortlisted CV's: Here, shortlisted CV's of will be displayed.The shortlisting will be performed by system itself.
- View Candidates: Can view all the registered candidates with their details.
- View Result: Can view the results of candidate who are shortlisted.

Candidate

- Registration: To access the below given modules, candidate must fill up the registration form in order to gain access to the system.
- Login: Candidate need to enter valid credentials given at the time of registration to access the below given modules.
- Candidates detail: Candidate needs to enter the information required. While filling up the details, candidate need to upload their CV.
- View Results: Once the process of is completed by the candidate, the results will be displayed.

g) Examples :

h) Claims (Not required for Provisional Application) / Unique Features of Project

Candidate Hiring through system to lower HR department work load.

4. Claims

5. Date and signature

6. Abstract of the project / invention :

Huge companies and recruitment agencies receives and manages thousands of resumes from job applicants. These resumes will be automatically processed by the extraction system. Information such as name, contact details, email id's, qualification, experience, skill-sets etc. can be stored as a structured data in a DB and then can be used in various different fields. Here, information in resumes is in a little structured form, where information is stored in separate blocks. Each block contains related information about a person's personal details, education or work experience. Even if it is partially structured form, resume documents are very hard to parse automatically. They may differ in information types, order, etc. containing full sentences or partial, etc. To parse these resumes effectively and efficiently, we have implemented a system. Finally, it presents the results to the recruiter and takes the final decision whether to hire the candidate or not.

Form 3 – STATEMENT AND UNDERTAKING UNDER SECTION 8

Name of the applicant(s) : I/We, Patel Shivam Bhaveshkumar ,Prajapati Dipenkumar Pareshbhai ,Prajapati Nikita Alpeshbhai

Name,Address and Nationality of the joint applicant : Hereby declare :

(i) that I/We have not made any application for the same/substantially the same victim invention outside India.

(ii) that the rights in the application(s) has/have been assigned to

Name of the Country	Date of Application	Application Number	Status of the Application	Date of Publication	Date of Grant
N/A	N/A	N/A	N/A	N/A	N/A

(iii) That I/We undertake that upto the date of grant of the patent by the Controller, I/We would keep him informed in writing the details regarding corresponding applications for patents filed outside India within three months from the date of filing of such application.

Dated this 10 day of May 2020

To be signed by the applicant or his authorised registered patent agent :

Name of the Natural Person who has signed :

Signature.....

Patel Shivam Bhaveshkumar ,Prajapati Dipenkumar Pareshbhai ,Prajapati Nikita Alpeshbhai

To,
The Controller of Patents,
The Patent Office,
At Mumbai