**Problem:** Resume screening is still the most time-consuming part of recruiting. When a job opening receives 250 resumes on average 70% of them are unqualified, therefore we need a tool that Screens the most appropriate resumes from that long list on the basis of job description. That Ultimately saves a lot of human efforts and essential hours.

**Approach Taken:** Please find below steps followed for resume screening.

* As a first step kept all my data in google drive to access it from COLAB.
* Import required modules like pdfminer.six, nltk, numpy, pandas subprocess, re etc
* Developed functions to get name, phone number and email address
* Read resume pdf using pdfminer python module and converted it into text
* Used nltk to extract name
* Developed regex to extract email and phone number.
* Developed functions to get Technical and Non-Technical skills from text.
* Read csv files for Tech\_Skill\_Group and Non\_Tech\_Skill\_Group to create list.
* Removed the stop words from text and apply filter on Tech\_Skill\_Group and Non\_Tech\_Skill\_Group list to get vice-versa skills

**Interpretation of Results:**

* Full exact of Email\_ID & Phone Number
* Partial Extract of Name partially
* Able to get Technical skills & Non-technical fields

**Final Outcome:**

Based on the results candidate have below technical skills which is required for the JOB role 'Php', 'Java', 'MySQL', 'Github', 'CSS', 'newspaper', 'Framework', 'framework', 'C', 'github', 'Visual', 'PostgreSQL' Also we can tell more on like, we should contact candidate or not if JOB profile and role is provided.