



GL BAJAJ GROUP OF INSTITUTIONS

Approved by AICTE, CoA & Affiliated to DR. APJ AKTU, Lucknow
NH#2, Mathura-Delhi Road, Akbarpur, Mathura - 281 406 (UP)

Department of Computer Science and Engineering

Project Summary
Session 2018-19

Project Title: **Hiring Form**

Group No.: **01**

Project Conducted By:

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Project Guide:

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ABSTRACT

Our project is related to hiring of personnel for any organization on the basis of their credentials such as his/her academic percent, total number of internships, academic back-log, etc. We have used Python for front-end or Graphical-User-Interface and Machine Learning algorithms applied on our Data-Set for the learning of our system.

In future this project can be used in schools for the admission of students, in companies for hiring personnel, etc.

INTRODUCTION

As we have seen hiring procedure of different companies during our campus placements and these procedures are so length and hectic that it might take long durations for selection of candidates even sometimes the procedure continues till midnight. So, we thought that why not create a system that can ease the procedure for both employee and employer.

So, we create a form system naming “**Hiring-Form**”. In this any employer can check that how many students are fulfilling the selection criteria and on the basis of this information the employer can invite only selected candidates for further interview process.



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OBJECTIVE AND SCOPE

The main objective of our project is to ease the selection procedure of any recruitment process so that it may take fewer amounts of time and physical workload.

The scope of our project is very bright. In current time, most of the companies have not time to schedule a whole day recruitment process to select candidates. So, with the help of this form they can only selected candidates to their premises for interview process.

METHODOLOGY AND TECHNOLOGY

We have used Python and Machine-Learning technologies for our project. For the graphical user interface we have used *tKinter* module of Python which consist the entries of student name along with his/her credentials. For processing on the data of student we have used Machine Learning algorithms such as Decision-Tree and Random-Forest.

Firstly, we have a training data-set consist of credentials of approximately 100 students and we have applied this algorithm on them to predict the output that he/she will be hired or not. When we will provide the input that is credentials of any student in the form then, algorithms will work on it and on the basis of output of training data-set it will predict whether the given student will select or not.

RESULT

We have achieved approximately 75% accuracy in our project. So, we can say that our project is good enough for deployment.

CONCLUSION AND FUTURE SCOPE:-

We can conclude that our project is a useful tool for any organisation for the selection of personnel for it.



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In future we can modify in such a way so that it can be used in schools for the admission of students, in selection of favourite area of working of any student or employee etc.

BIBLIOGRAPHY:-

1. <https://pythonprogramming.net/machine-learning-tutorial-python-introduction/>
2. https://en.wikipedia.org/wiki/Machine_learning
3. https://en.wikipedia.org/wiki/Python_%28programming_language%29

