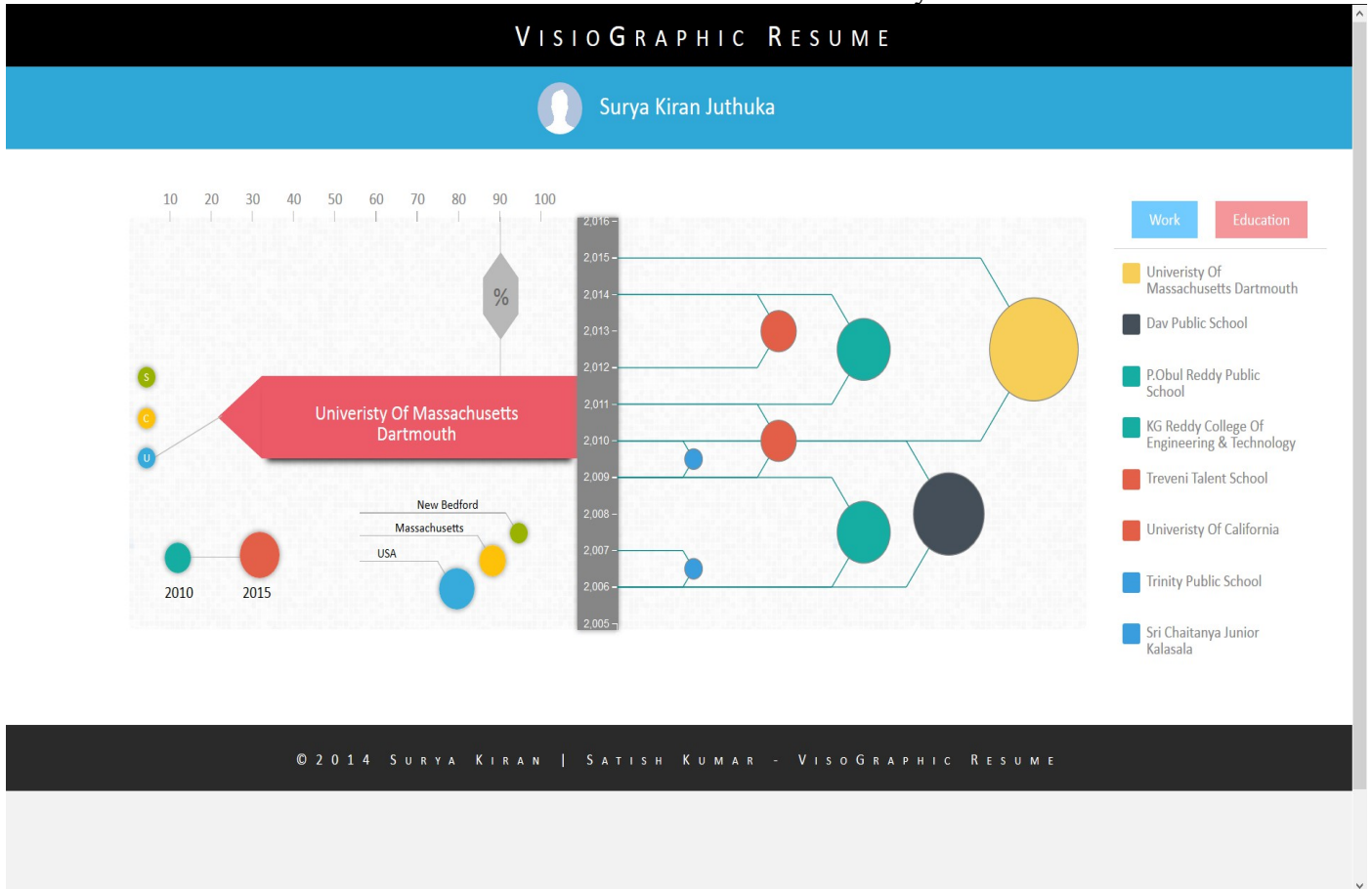


VIZIO GRAPHIC RESUME

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Abstract - Each and every person needs a resume at least once in a lifetime, it may be for the job interview or to show what that person knows. Normally Resume are strictly written, they don't have any decorations or colors to it. But even people need to change as the time changes, we need to get accustomed to the modern technological methods. One of the latest technology that has revolutionized the market is the concept of "Data Visualization". So why don't we add this concept of Data Visualization to a small thing called Resume? The idea behind this is, we use only text to fill out our resume's. Instead of text why don't we fill the resume's with representation of data. As we know "A Picture Is Worth A Thousand Words", in the same way visualizing data is worth a million words of pure text.

INTRODUCTION

Vizio graphic resume is a interactive resume page display personal and professional information in a graphical way with time line , scatter plot and represent information with interactions. Replaces the traditional resume format to interactive and

graphical resume. employers can grab the information at a glance , it gives the information in very less time with high accuracy

Motivation & Contribution

Suppose if i am a Recruiter, i will be seeing thousands of Resume's daily & even i would not bother to read the whole resume. But what if the recruiter sees a resume with graphical interactive data which is represented in different forms of data like Bar Graphs, Pie Charts, Time line and etc. He no more needs to read the information, what all he has to do is have a glance at the graphics and he will get all his answers in a much organized and effective way. So this idea made us to think of a project of this kind.

Background and Related Work

For this project we have searched different kinds of resumes available in the real world and searched for any visual styles in resumes. Unfortunately none of the resumes have visual styles and many resumes have the years as their academic and work experience , so this point driven us to create a novel time line with interactions and colors to represent the data in a effective way.

Method

Data and Visualization Design : Data is given in data set within the file . data includes personal details of person which are academic details and records,duration of studies, work experience, locations stayed. Visualization includes circles, X and Y axis, horizontal lines referenced by circles , GPA/Percentage locator,location information by different circles ,changes of colors for mouse hover.

Design contains two panes left pane and right pane. Right pane consists of time line on the Y-axis which represents span of education and X-axis represents the year of education . We created a scatter plot graph and the circles represent data about education on specific year , by increasing the education years the size o the circles goes incrementing . Each circle are referenced by two horizontal lines pointing the years. Circles are provided with interactions like mouse hovering and click events, by hovering the mouse circle color gets change and highlighted with respect to the horizontal lines, by clicking the circle data will be

displayed on the left pane which consists of GPA locator, name of the university, location of the university and span of the education by two distinct circles

Conclusion

Impact- Our project can represent textual data in a visual way for better understanding and fast data catching , different colors are used to show variation among academic years , time line is implemented on Y-axis for easy understanding, work and academic locations are provided in a orderly fashion for clear identification of location.

Future Research

- This work can be extended to create forms to give the data
- Donut charts can create to represent the skill sets
- Creating templates for requested companies, applicants can give data according to templates so that recruiters can identify data easily at less time

References

- 1.Interactive data visualization for web by Scott Murray
- 2.<http://www.d3js.org>
- 3.<http://www.visualize.me>
- 4.<http://www.resumeup.com>
- 5.<http://blocks.org/mbostck/3887193>
- 6.<http://http://www.pinterest.com/rtkrum/infographi-c-visual-resumes/>