Kerrigan Research Minigrant Proposal
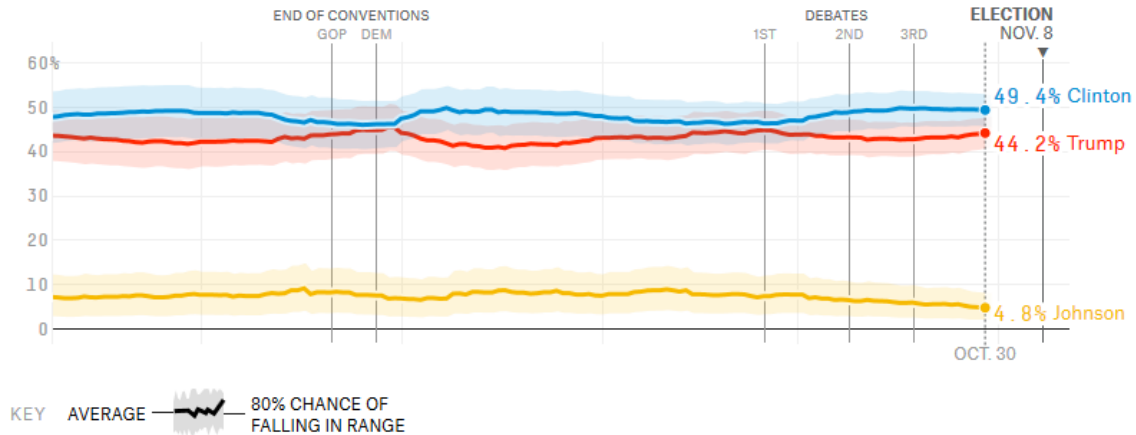
Student Name: Farhana Luna

Professor Name: Xiaoyue Cheng

Project start date: November 1, 2016

Project end date: June 30, 2017

Title of Project: Interactively Exploring 2016 US Presidential Election Polling Data

Description: The US presidential election is the most important social and political event for the country in 2016. Media and poll organizations have been releasing their state and nationwide poll results and predictions every few days. The following figure shows the timely forecast from June to October by a polls-only model built by fivethirtyeight.com[1].

This research is intended to learn about the 2016 election polls and predictions. We are interested in how the trend changes over time and whether the big events like debates impact on people's choices. An interactive visualization website will be built to display the data and explore the trend. Time series and spatial studies will also be provided.

Timetable:

Month	Year	Task to Finish
November	2016	Collect data from different poll websites
December	2016	Organize, clean and explore the data
January	2017	Visualize the election on a timeline
February	2017	Statistically model the poll trend
March	2017	Finalize the topic with supplemental materials
April	2017	Design the interactive dashboard
May	2017	Build the website
June	2017	Write the final report

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[1]http://projects.fivethirtyeight.com/2016-election-forecast/