Term Project Proposal

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**Are Emily and Greg More Employable Than Lakisha and Jamal?**

Building a regression model to identify resume attributes which correlate to receiving a call from an employer.

**Project Scope**

In 2001, a study was conducted to analyze whether common African American first names played a role in employers calling back applicants for job opportunities. A large number of fictitious resumes were sent in response to employment advertisements in Chicago and Boston in a randomized and controlled experiment (Arel-Bundock, 2007). The data contains the names listed on the resumes along with other factors which will be input as variables that may have been considered for job eligibility – gender, city, number of previous jobs, experience in years, honors, volunteer work, military, gaps in resume (holes), schooling, email, computer skills, special skills, college, etc. Whether the companies reached out to the candidate is identified in the ’call’ column with ‘yes’ or ‘no’ data. The dataset is one of a collections of datasets distributed in R packages (recommended by from STA5735 course).

# References

Arel-Bundock, V. (2007). *Vincent Arel-Bundock's Github projects.* Retrieved from R Datasets: https://vincentarelbundock.github.io/Rdatasets/datasets.html