

# YASH AGRAWAL

Fullerton, California 92831  
(657)248-1605

Passion. Focus. Drive.  
[LinkedIn](#) [GitHub](#)

[www.yshagrawal.com](http://www.yshagrawal.com)  
[yashagrawal@csu.fullerton.edu](mailto:yashagrawal@csu.fullerton.edu)

## Professional Summary

My curiosity & knack for problem solving led me to the field of analytics. While working on different analytics projects, I realized the potential of analytics in any business to drive effective decision making. My quantitative background has proven to be extremely valuable in business scenarios, especially when it comes to problem solving and critical thinking. Graduate research assistantship and taking key leadership roles on campus taught me to see the big picture. I am looking to utilize my technical background with my business acumen and strong people skills to solve growing business problems and make an impact on the world.

## Skills

**Technical:** Business Analysis, Data Analysis, Marketing Analysis, Digital Marketing

**Business Intelligence Tools:** SAS Visual Analytics, IBM Watson Analytics, Tableau, Advanced Microsoft Excel

**Marketing Analytics Tools:** Google Analytics, Google AdWords

**Database Environment:** MySQL, MRI Database, Microsoft SQL Server 2016, PostgreSQL

**Programming:** R Programming, Java, SQL, Android development

**Utility Tools:** Microsoft Office Suite, Microsoft Visio, Rational Rose, Prezi, Google Docs

## Education

Mihaylo College of Business and Economics

Fullerton, CA

**M.S.** in Information Systems, Business Analytics

Anticipated May 2019

**Organizations:** Vice President of Marketing for [Business and Data Analytics club](#) (BDAC)

Rajiv Gandhi Technical University

Indore, India

**B.E.** in Computer Science

August 2012-June 2016

## Professional Experience

CSUF Mihaylo College of Business and Economics

Fullerton, CA

**Graduate Research Assistant**

June 2017- Present

- Acquire, compile and analyze data from external sources for student satisfaction rate, probation rate, graduation rate and create reports for grading and academic related activities
- Assist professors with analyzing the survey data by data cleaning, generating reports and subsample analysis
- Manage communications with professors, prospective and current students

## Relevant Projects

### Graduate

[Human Resource - Employee Attrition](#)

#### Team Leader

- Managed communication between team members and delegated tasks to ensure project completion on time
- Performed data cleaning in R, built three machine learning models- logistic regression, decision tree and random forest model and compared their efficiency using confusion matrix
- Performed factor analysis, used backward elimination method to understand the top factors for employee attrition and generated appropriate visuals using IBM Watson analytics to provide solution of the problem

### E-Learning

#### Team Leader

- Designed Data Flow Diagram, Use Case, Activity diagram and created software requirements specification(SRS) report which enhanced customer's understanding about the project
- Gathered information for the content of the website which saved around 30% of our time in requirement gathering, designed database by using SQL which increased performance by 25% for loading of pages.
- Managed and monitored team members' participation by communicating on a regular basis to increase team cohesiveness

### Business Analysis Report – Severance Pay

- Analyzed data, performed descriptive statistics by using R and Microsoft excel to understand the structure, and summarize data
- Performed hypothesis testing to determine if the relation between variables was linear or not
- Analyzed the claim further by performing regression analysis at 95% confidence interval and developed a report with findings and provided conclusion