

# SAGAR LAKHIA

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**GitHub** : <https://github.com/sagarlakhia>  
**Website**: <http://sagarlakhia.github.io>

## OBJECTIVE:

To work in an Environment where I can efficiently contribute my skills towards the growth of the organization and build my professional career.

## EDUCATIONAL QUALIFICATIONS:

**Masters in Computer and Information Sciences (Attending Final Semester)** **2014-2016**  
The University of Texas at Arlington (GPA: 3.8)

**Bachelor of Engineering (B.E.)** **June 2014**  
Gandhinagar Institute of Technology, Gujarat Technological University  
Major: Computer Engineering (CGPA: 7.27)

## WORK:

Working as Graduate Teaching Assistant at College of Business at the University **Sept 2015-Present**  
(Work includes maintaining and updating website for the Department of Management)

## PROJECTS:

**Application of Different Software Design Patterns** **Aug-Dec 2015**  
Identified and applied different software design patterns to an already built web Application.

**Augmented Reality** **Aug-Dec 2015**  
Implemented an Augmented Reality application using ARMA, an opencv library to project an image on the detected pattern using C++.

**Cloud Computing Projects** **June-July 2015**  
Developed various applications using different services provided by Amazon (EC2, RDS, MemCache, S3, EBS) and Google Cloud using Python and Java as programming languages.

**FindOut** **Jan-May 2015**  
Built an Android Based Sentiment Analysis Application with the team. The App Provides Sentiment analysis based on the tweets regarding different Presidential candidates for 2016 elections.  
(<https://youtu.be/6fo9uE9pKm0>)

**Reverse Engineering Projects (2)** **Feb-March 2015**  
Studied the web applications (without any documentation) and made further enhancements to it.

**Random Number Generator following different Distributions** **Aug-Dec 2014**  
(Data Analysis and Modelling).

**Data-Mining Projects (3)** **Aug-Dec 2014**  
Designed different programs that can handle big data, extract important information and can make prediction based on the Historical Data.

**1st Placements** **June 2013- June 2014**  
Built a web application using HTML v5.0, CSS v3.0, JavaScript, JQuery as frontend and Java with Hibernate Framework and MySQL v5.4 as Backend.

## COMPUTER SKILLS:

**Operating Systems:** Windows

**Programming Languages:** Java, Python, C, C++ (basics)

**Web Development:** HTML5, CSS3, JavaScript, JSP, Servlets, Flask, Jinja2

**Database Systems:** MySQL, NoSQL(Basics)

**Tools and Packages:** Android studio, Eclipse, MS-Office, Microsoft Visio, NetBeans