

# 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:

### Master of Science in Computer and Information Sciences

May 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-May 2016**  
(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