

# SAGAR LAKHIA

9845 Mira Lee way, Apt #30507 San Diego, CA 92126  
sagarlakhia18@gmail.com (M) +1-858-275-3529

**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: 3.75)

### Bachelor of Engineering (B.E.)

June 2014

Gandhinagar Institute of Technology, Gujarat Technological University  
Major: Computer Engineering (CGPA: 7.27)

## WORK:

Worked 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:

### Good Quotes Android App

June 2016

Developed an application that displays a random quote. Allows user to save, delete and share the quote (via text or built-in quote capture button). Used android's SQLite database to save quotes.  
(Available on Google Play Store)

### Small Android applications showcasing the use of different Android functionalities

March 2016 - Present

Continuously updating my github repository with applications that shows implementation of SQLite, Navigation Drawer, Broadcast Receiver and many more.

### Graph Mining

Jan-May 2016

The goal of this project was to avoid generating duplicate subgraphs while querying a graph using vertex id as a constraint. This eventually helped in processing query faster.

### 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 Android App

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