

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 Science

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**
(Maintaining, updating and developing website in a professional environment for the Department of Management).

PROJECTS:

Android Demo Application -1

July 2016

Used JSONPlaceholder to get dummy data from server. The application shows list of users, thier photo albums and photos(Downloadable). (Used Recyclerview, Listview, ,Gridview, Cardview, Tab layout, Fragments ,Picasso library). <https://youtu.be/yF3drgT6di0>

Good Quotes Android App

June 2016

Developed an application on my own that displays a random motivational 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)

Good Reminders Android App

July 2016 – Present

Currently working on an application that deals with setting up reminders on a specific time or a specific location depending upon user's selection.

Small Android applications showcasing the use of different Android functionalities

March 2016 - Present

Continuously updating my github repository with applications that shows implementation of using SQLite database, Navigation Drawer, Broadcast Receiver, HTTP Request, JSON Parsing, AsyncTask 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.

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. Also learned about different Software design patterns.

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