

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: 3.75)

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)

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