SAGAR LAKHIA

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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   **March 2016 - Present**
Components
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, JQuerry 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