SAM SUNDER GOLLA

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SUMMARY: Skilled developer with 3 years of experience developing robust code for high-volume businesses. Currently seeking Full-time opportunities for Summer 2019 in the domain of Product Development, Data Analytics, Information Security and Data Management.

EDUCATION:

Arizona State University, USA–Master of Computer Science, **Graduate Research Assistant** (2017 – 2019)
Jawaharlal Nehru Technological University, India – Bachelor of Technology in Computer Science.

TECHNICAL SKILLS:

Technologies: Core Java, Python, C, SQL, Matlab, SQR, HTML/CSS, D3, Javascript, C++, C#, Tableau
Database: MySQL, NoSQL, Oracle
Framework: Spring, Django

PROFESSIONAL EXPERIENCE:

- Automatic Data Processing – **Member Technical, R&D** (December 2014 to June 2016)
- Sellglobally Infotech – **Project Intern** (January 2014 – April 2014)
- **Graduate Research Assistant** - Arizona State University (Fall 2018)

PROJECTS:

Spectroscopy (Machine Learning Project): Worked on an android project in which machine learning algorithms are implemented to identify the spectrum produced by food items.

Technologies: Python, Django, Pandas, numPy

Human Gesture Recognition (Data Analytics Project): Worked on a data mining project in which an attempt was made to develop a computing system that can understand human gestures. Feature extraction methods and Optimal Machine Learning algorithms are implemented on the test data set.

Technologies: Matlab, Python

Adaptive Ogmented: Augmented Reality app - Successfully captured a random image and augmented its properties by dislplaying some 3-D objects on its surface and teaching a user the concept of Inheritane.

Technologies: C#, Unity platform

Data Visualization of TwitInfo: Working on the implementation of a Research Paper by doing Sentiment Analysis and Visualizing the twitter data using **D3.js, R, Core Java and Python.**

Social Behavioral Logging & Visualization: Created an Application to predict the interests and knowledge of a user by analyzing persistent web logs like scroll, click, hover and time on stackoverflow data. Used **Django, Python and SQLite.** (**Link: https://samgolla.pythonanywhere.com**)

Heat-Mapper Project: Currently working as a Research Assistant on this project. The goal is to extract patterns of climate change and its effects on various geographical locations based on the GPS, HOBO and Krestel device data.

Technologies: Python, R, Tableau, D3 Library

Knowledge Exchange Resiliance Project: Currently working as a Graduate Research Assistant on this project. Census data of various counties in and around phoenix is collected and the goal of the project is to get the trends in population diversity change over years. **Python, Core Java technologies used.**