

OBJECTIVE: Seeking graduate assistantships position starting spring 2017**EDUCATION:****M.S. Computer Science | Rochester Institute of Technology | New York****Expected: Aug 2017****Coursework:** Introduction to Big Data, Foundation of Algorithms, Distributed Systems, Advance OO Programing Concepts**GPA: 3.33****B.E. Computer Engineering | University of Mumbai | India****Aug 11-May 14****Coursework:** Data Structures, Software Architecture, Foundation of Computer Networks, Advance Database Management**GPA: 3.6****WORK EXPERIENCE:****Data Strategy Intern | Viacom | New York City, New York****Sep 16-Present**

- Developed scripts to extract social data of **Facebook**, **Twitter** & **Instagram** using API
- Wrote **bash scripts** to dump local data to AWS S3 bucket
- Performed detail analysis on cross-platform social data to find **key parameter indicator** which enhanced bench marking
- Involved in **data engineering / modeling** using **NoSQL** databases for the Echo Social Graph product to manage the data efficiently
- Empowered the sales team by increasing **data fluency** with advance insights into integrated marketing
- Achieved **campaign optimization** and effectiveness measurement across integrated marketing thereby increasing 20% revenue

Software Developer Intern | Adventive | Rochester, New York**May 16-Aug 16**

- Responsible for the **restructuring** of the Ad-Builder tool for optimization
- Implemented techniques in boosting the performance of **Angular JS** that led to increase the **responsiveness** of the tool
- Added new functionalities & enhanced existing features of the tool thereby providing **automated testing** feature
- Re-structured the existing **queries** to store the client data and altered the reporting infrastructure for better performance

Software Developer | Imagna Analytics | Mumbai, India**Jun 14-Jun 15****Food Panda:**

- Developed database for Food Panda to create **global master dish** across **42** countries
- Wrote python scripts to process large **unstructured data** and store it in **JSON** format
- Performed data mining techniques to **classify** the data and built **association** rules
- Built **information retrieval** and **recommendation system** for global master dish with User Interface

AdPersonix Digital Marketing:

- Extracted customer data across websites and mobile apps using **API** to enhance **profile building**
- Developed jar files to collect **In-app data** of customer and use **CRON** jobs for efficient data processing
- Performed **data migration** from AWS- EC2 **data warehouse** to **big data** platform to tackle scalability issues
- Analyzed the customer **behavior data** to target them with better and personalized Ads

Lab Network Admin | K.J Somaiya College of Engineering | Mumbai, India**Jan 13-Dec 13**

- Responsible to setup and install software on **Linux** machine in the lab
- Provided technical support to junior students during **system failure**
- Installed and tested windows/Linux **operating system** on virtual machine (VMware)

TECHNICAL SKILLS:**Programming Languages / Web Technologies** - Java*, Python*, SQL, R, C++, Shell Script / JavaScript, Angular JS, HTML5, PHP**Tools / Technologies** - IntelliJ IDEA, PyCharm, Eclipse, Weka, AWS ec2, Git, Bitbucket, SQL Workbench, Unix/Linux/Windows**Functional Skills** - Agile and Scrum Methodology, Software Development Lifecycle, Waterfall model**PROJECTS:****Intelligent Parallel File Processing System (Technology: Java, Shell Script)****Mar 16-May 16**

- Developed personalized **MapReduce** for real-time file processing based on its size
- Increased the file processing speed by allocating work to mappers based on its performance results
- Built menu driven UI to compare the performance statistics of file processing on single machine versus multiple machines

Chord Lookup Service (Technology: Java, Shell Script)**Mar 16-Apr 16**

- Designed **multi-threaded** environment across multiple client and server for the file transfer using **TCP/IP** protocol
- Implemented chord structure that features file insertion, deletion, retrieval, and routing across the **distributed network**
- Maximized the performance of file retrieval by strategically copying the file from root to child server based on file popularity

Diabetic Data Analysis (Technology: Python, MySQL, Weka, R)**Jan 16-Feb 16**

- Analyzed the dataset in finding **data-driven insights** for proposing and validating hypotheses
- Developed predictive features such as **personalization**, **recommendation** and **content discovery** for the patient

Connect 4 Field Game (Technology: Java)**Oct 15-Nov 15**

- Developed **single/multiplayer** game that can be played on **same/different** machines with different board dimension
- Implemented modified **min-max** algorithm for single-player mode to make strategic moves for winning