

EDUCATION

Tempe, AZ	Arizona State University	Aug 2015 – May 2017
<ul style="list-style-type: none">• M.S in Computer Science• Coursework: Fundamentals of Statistical Learning & Pattern Recognition, Artificial Intelligence, Principles of Programming Languages		
Mumbai, India	University of Mumbai	Aug 2011 – May 2015
<ul style="list-style-type: none">• B.E. in Computer Engineering, GPA 3.6		

EMPLOYMENT

Application Developer Intern	Algonation	Summer 2014
Web/Mobile Platform		
<ul style="list-style-type: none">• Worked on the backend of the portal, designed database schema and developed scripts for server-side. Integrated the frontend design with the backend infrastructure. Worked on Hybrid Mobile Application development for the portal using PhoneGap. Ensured data is transmitted correctly and tested the responsiveness of the website.• Technologies used: <i>PHP, SQL, HTML, CSS, Angular JS, Bootstrap, PhoneGap</i>		

TECHNICAL EXPERIENCE

Projects

- **Extension of Binary SVM into Multiclass Recognition** (2015). Aims to implement the extension of Binary SVM to Multiclass recognition by using one-vs-one, one-vs-all and error-correcting-coding extension techniques on a Vehicle Dataset. Goal is to achieve maximum accuracy possible on the test data. *MATLAB*
- **Parser & Type Checker of Compiler** (2015). Worked on implementing a parser and Type checker for a given language using its grammar description. Currently working on the front end of the compiler that is responsible for parsing the input language and creates an intermediate representation to be fed to a given backend. *C++*
- **Twitter-Biodata (Winning Hackathon Project)** (2015). Developed an application that provides a Bird's eye view of a Twitter profile. Implemented Machine Learning techniques and D3.js library to visualize a User Social Network Graph, Interests and sentiment of the user based on their Followers and Following profiles. Awarded 1st prize for this project out of 7 projects. *Python, JavaScript, Twitter API*
- **Sentiment Analysis to Improve Emotional Health of User** (2015). Developed an application to determine the state of mind of a user using Natural Language Processing techniques and implemented a Naïve Bayes Classifier model trained using Twitter Dataset. Based on the Sentiment Analysis the application provided relevant solutions to improve the user's emotional health. *Python, PHP, NLTK Toolkit*
- **Distributed Computing Project** (2015). Developed different modules as a part of the distributed computing projects that involved implementation of Clock synchronization, event ordering, Election algorithms, Load balancers and Remote Method Invocation (RMI). *Java*
- **ETL Tool for Data Warehousing and Mining** (2014). Developed an Extraction, Transformation and Loading (ETL) Tool to extract the data present in different formats, used data cleansing techniques and loaded the transformed data into the Data Warehouse. Performed Data Mining using Classification and Clustering techniques like Naïve Bayes, K-means, etc. on the travel dataset to extract knowledge. *VB.NET, SQL, XML, Java*
- **Cloud based To-Do List application (Android App)** (2014). Developed a Cloud based Android application that synchronizes To-Do's list between groups of people. *Used Parse SDK, Android SDK, Java*
- **Quora Client (Windows Phone App)** (2014). Developed a Windows Phone Application that served as Mobile client for Quora.com. The application was used by 3600+ users around the world with a rating of 4 within a month. The app is currently not live on the store. *C#, XAML, WP SDK*

LANGUAGES AND TECHNOLOGIES

- Java; C++; Python; PHP; SQL; JavaScript; HTML; CSS