

## Experience

### **Salesforce.com | Senior Software Engineer | Jul 17 - Ongoing**

As a part of Search Relevancy Team, I develop and test features and services that enable search relevance experimentations aimed at improving overall search ranking for Salesforce customers. Currently working with data scientists on personalizing search for customers.

### **Salesforce.com | Software Engineer | Jul 15 - Jun 17**

In Search Infrastructure, I wrote code to build a backend infrastructure service for deployment and cluster management of solr that powers search functionality at Salesforce. Later became the Product Owner of the team and shipped the service successfully to production.

### **Carnegie Mellon University | Graduate Teaching Assistant | Aug 14 - May 15**

Teaching Assistant for graduate level 14-740 - Fundamentals of Computer Networks course and 18-644 Introduction to Java course. Responsibilities include holding office hours to solve queries, grading and creating lab material

### **Apple Inc. | Software Engineering Intern | May 14 - Aug 14**

Was responsible for making infrastructure libraries to support diagnostics on production line as a part of EFI Firmware Team. Implemented software solution which helped in increasing UPH (units/hr) during production

## Education

### **University of Washington - Certificate, Big Data Technologies**

**GPA:** Pass      **Duration:** 2016-2017

Explored distributed computing and practical tools used to store and process data. Learnt and worked with Spark, Kafka, Hive and NiFi. Used Hortonworks Data Platform on Hortonworks Sandbox for class projects

### **Carnegie Mellon University - MS in Information Networking, Information Networking Institute**

**GPA:** 3.78/4      **Duration:** 2013-2015

**Courses:** Cloud Computing, Search Engines, Engineering Distributed Systems, Android Development, Intro to Computer Systems, Web Development

## Skills

**Programming languages:** Proficient: Java Intermediate: Python, MySQL, Shell scripting

**Tools and Technologies:** Solr, Jupyter, Spark, Hadoop, Splunk, Docker, Jenkins, CI/CD, Arduino

## Projects

### **Search Engine Algorithms** (Sept, 14 | Team - 1)

Implemented a Boolean retrieval algorithm that evaluate queries and ranks documents based on Lucene. Also implemented BM25 ranking along with query expansion algorithm

### **Input Text Predictor** (Apr - May, 14 | Team - 1)

Built an input text predictor, similar to Google instant, by generating a statistical language model on a list of n-grams generated from a text corpus using Hadoop Map Reduce in Java

### **Failure Resilient Distributed photo sharing app with Two Phase Commit** (Apr - May, 14 | Team - 1)

Developed a web application for sharing pictures and implemented a two phase commit protocol for maintaining consistency among different servers used for catering simultaneous clients

### **Web-Service on Twitter dataset using Map Reduce** (Jan - Apr, 14 | Team - 1)

Designed, developed and deployed a complete web service to respond to queries on a Twitter data set for specified cost and performance constraints using Amazon Web Services