

ASHISH KALBHOR

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EDUCATION

Northeastern University , Boston, MA	May 2017
<i>Master of Science in Computer Science</i>	GPA: 3.7/4.0
University of Pune , Pune, India	Jul 2013
<i>Bachelor of Engineering in Computer Engineering</i>	GPA: 4.0/4.0

TECHNICAL SKILLS

Languages/Frameworks:	Java, Python, C, C++, C#.Net, Racket, R, Scala, MongoDB, Node.js
Big Data Technologies:	Apache Kafka, Hadoop, Spark, AWS Lambda, ECS, EMR, SQS, SNS, Elasticsearch, Kibana
Tools:	Git, Perforce, Jenkins, Jira, Heroku, IntelliJ, Webstorm, Android Studio, Visual Studio
Relevant Coursework:	Map Reduce, Information Retrieval, Algorithms, Web Development, Software Engineering

WORK EXPERIENCE

Software Engineer - Co-op

Nvidia Corporation	Jun 2016 to Dec 2016
<ul style="list-style-type: none">Developed real-time data ingestion pipelines using Amazon Web Services, Spark Streaming and Apache Kafka.Implemented Kafka Connectors for reading device data from AWS S3 and indexing into Elasticsearch clusters.	

Teaching Assistant for CS 4500 – Software Development

Northeastern University	Jan 2016 to May 2016
<ul style="list-style-type: none">Prepare study material, assignments and handouts in collaboration with other Teaching Assistants.Grade coding assignments and provide constructive feedback to students while assisting their client side projects.	

Associate Software Engineer

ACI Worldwide Inc.	Jul 2013 – Jul 2015
<ul style="list-style-type: none">Developed more than 40 customized components in Java on Postilion framework for payments processing on ATMs and POS devices using ISO8583 protocol in <i>Electronic Fund Transfers</i>.Received Cheers Award for effectively fixing 50 production defects as a Jira Lead of 3 major projects.	

Project Intern

Synerzip Softech Pvt. Ltd.	Mar 2012 – May 2013
<ul style="list-style-type: none">Designed an Android Framework for enabling smartphones to use trigger to fire actions based on a rule engine.Developed an Android App to implement the framework for 10 trigger-action mappings.	

PROJECTS (<https://github.com/ashish-kalbhor>)

Live Camera Digit Capture using Deep Learning	Oct 2016
Modelling a Deep Neural Network using TensorFlow library based on real world images retrieved from camera and then identifying the sequence of digits. <i>Python, OpenCV, TensorFlow</i>	
Custom Map Reduce Framework	May 2016
Implemented a custom version of Hadoop Map-Reduce framework that can run a job and perform inter-node communication across AWS EC2 instances. <i>Java, Bash, AWS CLI</i>	
Mobilyzer App for Network Measurement	Nov 2015
Assisted Prof. David Choffnes in Northeastern University for designing a framework to crowdsource measurement of Mobile Internet performance. <i>Java</i>	
Search Engine using Okapi BM25 Ranking	Nov 2015
Developed a Search Engine that provides a ranked list of documents for a given set of queries, using BM25 ranking algorithm on tokenized and stemmed document collection. <i>Java, Python</i>	

EXTRA-CURRICULAR

- Contributed to Open Source **Apache Kafka** community by developing connectors for DynamoDB.
- Published a **research paper** on “*Framework for Tasking Applications on Smartphones Using Sensing and Co-ordination*” at International Journal of Engineering and Advanced Technology, April 2013 issue.
- Posted **technical blog** on Apache Kafka and Real-time data streaming: ashishblogs.weebly.com