

# Prashant Chandrasekar

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## EDUCATION

**Virginia Tech** – Blacksburg, VA  
**M.S Computer Science** (GPA: 4.0/4.0)

December 2015

### *Relevant Coursework*

Usability Engineering  
Theory of Algorithms

Data Analytics  
Research Methods in CS

**University Of Michigan** - Ann Arbor, MI  
**B.S.E Computer Science & Engineering**

December 2009

### *Relevant Coursework*

Database Management Systems  
Data Structures & Algorithms in C++  
Computer Organization

Introduction to Operating Systems  
Cryptography and Network Security

## TECHNICAL SKILLS

**Programming Languages** C++, Java, PL/SQL, Pig  
**Visualization Technologies** HTML5, CSS3, JavaScript, Ext js, GraphML, Dot, Gephi  
**Other Frameworks** HDFS, Map Reduce, Shark, Spark

## EXPERIENCE

**Digital Libraries Research Laboratory** – Blacksburg, VA

May 2014 – Present

Role: *Graduate Research Assistant*

Advisor: *Dr. Edward Fox*

Project: Uninterruptable Web Service Architecture Via Focus Web Archiving

GitHub Project Link: <https://github.com/peeceeprashant/UWS>

- Develop modules that extend Apache to optimize archiving of vt.edu domain based on designed business logic.
- Design a reverse-proxy & in-memory cache architecture layer on top of domains that automatically displays most relevant archived version of the web entity.

**Intuit Inc.** – Bangalore, India

April 2011 – November 2013

Role: *Data Engineer*

- Designed, Developed & Maintained a Dashboard for the Hadoop Performance Team within Intuit to monitor, and then tune, usage of Hadoop Cluster to provide optimal experience to the users of the cluster.
- Created a Path Analysis Engine for the Quickbooks Online team to analyze first-use experience of customer behavior.
- Experimented with newer industry technologies and practices and built rapid prototypes in the

area of user interface and graphing tools (GraphML & Dot), scalable data storage technologies that will provide considerable flexibility and performance in data processing, data retrieval and data management (TitanDB, Shark, Spark)

Role: *Innovation Catalyst*

- Successfully practiced and guided the product teams in Design For Delight principles.
- Helped remove obstacles for any unstructured time (UT) projects and aided the teams to actively and continuously iterate on their respective UT projects.

**Intuit Inc.** - Mountain View, California

June 2010 – March 2011

Role: *Web Analytics Intern*

- Ramped up on core Web Analytics concepts and the implementation of Adobe's web analytics tool, Omniture Site Catalyst.
- Performed regression analysis on captured metric data to obtain outliers within report suite data.
- Implemented end-to-end analytic solutions for many of our customer-facing web properties.
- Designed and developed a test framework for data import into Site Catalyst's Javascript that resided on our business group's production server.
- Researched technologies and techniques behind capturing of analytical data to improve data collection and reporting and implemented a proof of concept for the same.
- Researched current mobile-app and website tracking standards and technologies, and pitched the findings for potential expansion into mobile analytics.

**Lehman Brothers Inc.** - New York, New York

May-August 2007

Role: *Application Developer/ Application Analyst*

- Integrated Business Intelligence (BI) software, Alphablox, into 'Lehman Live'.
- Developed broader template software for clients.
- Collaborated with every client to develop and implement specific technologies and services required for their businesses.
- Documented Integrated Software and provided support to Lehman groups in New York, London and Mumbai in implementing the system.
- Performed comparative software analysis and implemented changes to increase efficiency.
- Tools/ Languages such as HTML, Java, JavaScript, SQL, Alphablox etc were used in the development of the software. DBMS – SQL Server 2005; Server – Weblogic.

**Emirates Airlines** - Dubai, U.A.E

May-August 2006

Role: *Web Developer*

- Developed FAQ, Yellow Pages and Customer Survey modules for the sales and marketing team of Emirates Airlines.
- Communicated with clients for feedback during the Beta stage.