

# KUSHAL MANGTANI

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## OBJECTIVE

Seeking a job as a Software Engineer to apply my software expertise in real world applications.

## EDUCATION

**Masters in Computer Science from George Mason University, Fairfax, VA (GPA:3.7) Aug 2011-Present**

- Expected Date of Graduation: May, 2013

Bachelor of Engineering in Computer Engineering from Mumbai University, INDIA Aug 2007-Aug 2010

## EXPERIENCE

**Software Engineer Intern with Netuitive , Reston , VA Jan 2013 – Present**

- Working as a part of the Integrations Engineering department ; building enterprise applications using Java, J2EE, Spring, Hibernate, Ant, Git, Oracle

**Software Developer Intern with Aileron Consulting LLC, Arlington, VA May 2012-Aug 2012**

- Worked on a large-scale web application called RestoreTogether
- Designed and Implemented a Generic Email Notification Service & Admin Panel using Java, Spring, JUnit, Hibernate, Velocity Templates, Grails, Maven, SVN, MYSQL, JQuery and Ajax.

## ACADEMIC PROJECTS

**Distributed Mutual Exclusion with Fault Tolerance Nov 2011-Dec 2011**

- Implementation of a shared calendar between a set of servers using Java RMI, Java Networking , Java Multithreading.

**Concurrent File Uploading System Nov 2012-Dec 2012**

- Designed & Implemented a File Uploading System which allows multiple chunks of the same file to be uploaded concurrently. Ref: **Google File System** using Java Multithreading, Java Networking, Github

**Crime Data mining Feb 2012-April 2012**

- Implemented an Association Rule Algorithm for mining crime association patterns using Seattle state crime Dataset Ref: <https://data.seattle.gov/>, Matlab

## MASTERS COURSEWORK

### FALL 2011

- Operating Systems
- Computer Communications and Networks
- Software Engineering for WWW

### SPRING 2012

- Data Mining
- Component Based Software Development
- Database Systems

### FALL 2012

- Analysis of Algorithms
- Concurrent Programming
- Software Modelling & Architectural Design

### SPRING 2013

- Language Processors

## TECHNICAL SKILLSET

**Languages :** C++, Java, Groovy

**Operating Systems :** Windows XP, Windows Vista, Windows 7, Unix, Ubuntu 10

**Relational Databases :** MySQL Server 5, Oracle 10g, Oracle 11g

**Web Technologies :** DHTML, CSS, JavaScript, JQuery, AJAX, XML, JSON, JDBC, Servlets, JSP, WSDL, SOAP, RestFull

**Frameworks:** Spring 3.0 , Grails 2.3, EJB 3.1, JUnit (testing framework)

**IDE, Application Servers & Tools:** NetBeans, Eclipse, SpringSource Tool Suite, Apache Tomcat 6, JBoss, Maven, SVN, Git

## REFERENCES

1. Gary Rosales  
Aileron Consulting LLC (Sr. Software Engineer)  
[grosales@aileronconsulting.com](mailto:grosales@aileronconsulting.com)
2. Dr. Jessica Lin  
George Mason University (Professor, CS Dept)  
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3. Dr Hakan Aydin  
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