MANROOP SINGH

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OBJECTIVE:

Looking for full time Data Scientist/Analyst position where I can leverage my technical skills.

EDUCATION:

Master of Computer Science and Engineering   Expected: June 2016
Santa Clara University, Santa Clara
Bachelor of Engineering (Computer Science and Engineering)   June 2012
L.P University, Phagwara, PB, India

GRADUATE COURSES:

Operating Systems | Java Programming | Database Management | Design and Analysis of Algorithms **|** Big Data
Mobile Application Development | Probability | Network Design Analysis | High Performance Networking

SKILLS:

Programming Languages	R, C, C++, C#NET, VBA, Java, PHP, SQL
Scripting Languages	Python, Shell scripting, Perl
Web Technologies	JavaScript, HTML5, CSS, JSON, XML, Apache KAFKA, Mahout
Databases	MongoDB, Hadoop, Spark, Microsoft SQL Server, MySQL,
Tools	Eclipse, R Studio, WEKA, NetBeans, Notepad++, Visual Studio, Android Studio
Operating Systems	Windows, Linux, Mac, Android

ACADEMIC PROJECTS

- **Directed Research on Computer Vision, Nov-2011 - May-2012 (Prof. Deepak Prashar)**
  Collaborated with post-doc students and Prof. Prashar on two projects concerning Computer vision and statistics.
- **Click Estate (Property Search) Jun 2011 – Dec 2011**
  Web application for selling/buying/renting properties online. C#.NET, ASP.NET, AJAX, Microsoft SQL Server
- **GigaMart, Jan 2015 – Mar 2015**
  Shopping portal with most of the features from Amazon with addition of Supplier and Administrator modules. PHP, MySQ
- **MyBookFace, Apr 2015 – Jun 2015**
  Improving Facebook's newsfeed algorithm using PageRank algorithm(Google) and HITS algorithm. C++
- **SS Shipping Management, since Jun 2015**
  Java Desktop App which handles all details relating to shipment management for an Import house. Eclipse, JAVA, Swing
- **Data Analysis and Performance comparison in Hadoop and WEKA, Jun 2015 – Sep 2015**
  Performed K-means clustering on U.S. Airline data set review results and comparison. Perl, R, Hadoop, Mahout, WEKA

PROFESSIONAL EXPERIENCE

Founder/Director, Travel Singh Private Limited, Amritsar, INDIA   Jun 2012 - Dec 2014(2.5 Years)
- Grew sales from nothing to more than $1.3 Million in two years.
- Grew company to 10 employees, and mentored one sales representative to promotion to company's sales director.
- Being in a tourist city, entered into many strategic partnerships with distant companies for accommodating their clients in local travel plans.
- Created company brand and market initially on social media and web. Hired third party consultant and company grew.

Software Developer Intern, Drish Infotech, Chandigarh, INDIA   Jul 2011 - Dec 2013(6 Months)

VOLUNTEER EXPERIENCE

Camp Organizer, Arpan Global Charities, USA   Jan 2009
- Organized varies medical camps in rural Amritsar area leading to medical operations done by charity for free.