niranjanjadhav25@gmail.com   **Niranjan Jadhav**   (+1) 313-782-6919
http://www.linkedin.com/in/niranjanjadhav   http://niranjanjadhav25.wix.com/about-me

Education:

- Pursuing M.S. in Computer Science (Thesis), Wayne State University. **GPA: 3.70**   (Dec 2016)
  - Prestigious Graduate full tuition scholarship for academic year 2015-16.
  - **Courses**: Hadoop programming, Data Mining, Information Retrieval, NoSQL databases.
- Bachelor's in Computer Engineering, University of Pune, India with **1st Class**.   (2009-2013)

Technical Skills:

- **Databases:** CouchDB, MongoDB, Oracle 10g/11g, MySQL 5.5, SQLite
- **Programming:** Python, Java, R (beginner), C, C++, PHP, Javascript
- **Tools & Packages:** Tableau, Weka, Orange, Gephi, NumPy, Pandas, NetworkX, Tweepy

Projects:

1. **Music Track Recommendation** to Spotify users using Logistic Regression in **R**. (April 2016)
2. Predicting the next visited location by tourist in Yelp data using **Python**, Orange.   (Dec 2015)
3. **Movie Recommendation** on 1M user ratings using **Python**, Sk-Learn, Pandas.   (May 2015)
4. **Trend analysis** of weather data using **Hadoop** and Map-Reduce.   (Mar 2015-May 2015)
5. **Sentiment Analysis** of movie reviews using Naive-Bayes classifier in **Python**.   (Nov 2014)

Work Experience:

- **Research Assistant**, Data Mining Lab, Wayne State University.   (May 2015-Present)
  - Developed Personalized Recommendation models for social media such as Foursquare, Twitter and Kickstarter using user activity and social network data. It included:
    - Implementing various ML models like PLSA, LDA, etc. based on properties of data.
    - Applying Statistical methods to sample and further analyze the data.
    - Performing data extraction, cleaning and visualization to gain insights from the data.
    - Evaluating the performance and comparing the results with existing methods.
    - Analyzing the text data, web scraping, storing and fetching data from NoSQL database.
  - Will be parallelizing above methods using Apache Spark, MLlib this summer.
- **Student Software Developer**, Wayne State University.   (Dec 2014-May 2015)
  - Optimized search process for users on Library search engine. Duties included:
    - Redesigning the flow to return results from various sources in a single UI.
    - Extracting and processing logs and search queries using Python, MySQL and solr.
    - Analyzing user behavior based on stats/visualizations of user clicks based on topic, category, time, location, OS etc. for decision making by management.
- **Software Developer**, Vipan Technologies Pvt. Ltd, India.   (July 2013-June 2014)
  - Generated insights from data and developed data flow for products in Health, Hospitality and Banking sector, which included:
    - Extracting data from databases and converting it into useful stats and visualizations.
    - Designing and developing database schemas (MySQL) and managing flow of data.
    - Developing Android apps and exchanging the data using SOAP/REST.
- **Android Developer Intern**, Spadeworx Software Services, India.   (June 2012-Sept 2012)
  - Collaborated with various teams to ensure smooth data flow through the system.
  - Acquired knowledge of Android concepts and developed important module of an app.

Achievements:

1. Mentored students in HackWSU hackathon to design and develop prototypes. (May 2015-16)
2. Played critical role in building organizing team and organizing first TEDxWayneStateU as the Lead of event management team.   (Nov 2014- Present)
3. Innovated digital ways to improve Kumbh-Mela experience as a part of KumbhThon (www.kumbha.org) arranged by MIT Media Lab, Boston.   (Jan 2014-Sept 2014)
4. Won Rising Star award at Vipan Technologies Pvt. Ltd.   (2014)