SHUBHAM BHAWSINKA

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EDUCATION:

Master of Science (Computer Science)   **Graduation: May 2016**
North Carolina State University   GPA: 3.22

Bachelor of Engineering (Information Technology)   **Graduated: May 2012**
University of Pune   GPA: 3.84

TECHNICAL SKILLS:

Languages: Java, Python, C, C++, Ruby , R, SQL, JavaScript, HTML5
Databases: Oracle 10g, MySQL, Postgresql, MongoDB, Redis
Tools: Eclipse, Weka, PyCharm, BlackDuck, LaTex, Netbeans
Technology: Django, NodeJS, Rails, ExpressJS, Storm, Jade, JSF, Scikit Learn , Firebase, Android, Bootstrap

WORK EXPERIENCE:

NCSU Libraries, *Student Programmer*   **Oct 2014 - Present**
- Worked with IT Team to develop application backend for Review System to help review media contents.
- Responsible for implementing Django related web module and user access group module.

Infosys Limited, *Systems Engineer*   **Sep 2012- June 2014**
- Worked with R&D team to identify and conduct technology landscape analysis on various products.
- Applied data mining techniques to find the white spaces in technology and trend analysis.
- Certified in "Primary course for intellectual property expert" controlled by WIPO.

Tata Consultancy Services, *Engineering intern*   **Spring, 2012**
- Learned Django Web Framework and used it to implement a web and mobile application project.
- Implemented a system of health application using Python and MySQL.
- Analyzed and visualized the data collected for predicting certain patterns using statistical analysis.

PROJECTS:

Predict Click-Through Rates on display ad:
- Implemented and analyzed the probabilistic model of a click by the user for a particular ad.
- Implementation included analysis of split data and results using Logistic Regression(SGD Regression) and Random Forest algorithms using Python(Scikit learn) and Weka.

Twitter Sentiment Analysis Using NodeJS:
- Designed and developed a sentiment analyzer for Love and Hate Tweets using ntwitter and NodeJS.
- Implemented a web based application using ExpressJS to visualize the stream data and interpret results.

WolfGrader-Student Grading System:
- Developed a course assessment application backend using Java Servlets and MySQL.
- Collaborated with team to come up with unique questionnaire based forum in the application.

ELM-Web Application for Reviewing Media Files:
- Developed a back end review system for media contents using Django Web Framework, Postgresql and Python.
- Contributed to the team by building a contest review application on top of existing system which reused almost 80% of the development code.

Health Companion:
- Developed a web diary for gathering health data of the entire population of the country.
- Implemented an Android application which collected user health information for statistical and storage purposes using Firebase backend system.

Competitive Landscape Analysis:
- Analyzed various technological trends in industry like Cloud Computing, Gesture Recognition, and Farming Technology etc. for gathering competitive statistics using various tools like Innography, MicroPat etc.