NITISH MAHIPAL SURANA

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Available: **May – December 2016**

EDUCATION

Northeastern University, Boston MA

College of Computer and Information Science   Sept 2015 – May 2017

Candidate for *Master of Science in Computer Science, GPA: 3.667*

Related Courses: Program Design Paradigm, Information Retrieval, Algorithms, Web Development

Projects: **Small Search Engine**
- Implemented a small scale search engine that indexed a given corpus, used BM25 ranking algorithm to rank the output and Precision, Recall, Normalized Discount Cumulative Gain and Mean Average Precision evaluation system in Python

                  Portfolio Management System (In Progress)
- Implement a Portfolio Management System to provide near real-time information about the performance of one's investments using MEAN stack

Visvesvaraya Technological University, Belgaum, India

PES Institute of Technology-Bangalore South Campus, India

Bachelor of Engineering in Information Science & Engineering   June 2015

Related Courses: Data Structure, Database Management System, Software Engineering,
                       Software Testing, Information Systems

Projects: **Algorithm to Schedule & Re-Schedule Surgeries**
- Designed and implemented an algorithm to schedule & re-schedule surgeries in Python
- Designed and implemented a supporting system to give the Operation Theater Scheduler real-time information regarding the entire process

TECHNICAL KNOWLEDGE

Languages: Python, C/C++, Java, PHP, DrRacket
Web Technologies: HTML, CSS, Javascript, jQuery, AngularJS
Software: IDLE, MATLAB, Octave, Eclipse, IntelliJ IDEA, WebStorm
Database: MySQL

WORK EXPERIENCE

Northeastern University – Graduate Teaching Assistant   January 2016 – Present
- Responsible for grading assignments, conducting labs and clearing student's doubts for subject Logic and Computation

INTERESTS/ACTIVITIES

- Member of AIESEC Boston Chapter
- Leader and board member of various organizing committees of festivals during undergraduate school like The Amateur Scientist'13 and Maaya'14
- Indian Stock Market, Economics and Business Development & Management
- Vipassana Meditation